DATAWIND

Service Manual

Datawind Properietry:should not be shared without permission.
Prepared by- Vikas Kumar

Index: I. MEI Ranges of Tablets and Smartphones

Device	Software Type	IMEI range
7c+ EDGE	Type 1	**91130370-000000-049999**
	Type2	**91130370-000000-049999**
	Type 3	**91130370-(090000-099999) +(050000-089999)**
	Type 4	**91124955-100000-120099**
	Type 5	**91124955-078000-097999**
	Type 6	**91124955-078000-097999**
	Type 7	**91130370-100000-154999**
	Type 8	91130370-155000-179999
	Type 9	91130370-180000-195451
7CZ	Type1	**86xxxxxxxxxxxxx**
	Type2	**91130494-XXXXXX**
	Type3	**91130015-100000-125119**
	Type4	91130015-125121-130140
	Type5	(91130015-130141-135240) (91130015-138736-146235)
	Type6	(**91130015-**135421-138735)**(91130015**-146237-149336)
	Type7	91130015-009440-040739
	Type8	91130015-154839-165038
	Type 9	91130015-149337-154836
7c+ G		91124955-120100-120299
7CX	Type 1	91133870-000000-069999
9Ci	Type 1	NA
3G7	Type1	91132965-000000-002999
	Type2	91132965-007171-058615
	Type3	91132965-009373-013772
PS5X	Type 1	91134520-000000-022999
PS5	Type1	91130575-100000-114706
PS3G5	Type 1	(91134515-000000-023565)(91134515-033000-043865)
	Type 2	(91134515-023566-032999)(91134515-043896-064395)

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ii. Tablet and Samrtphones Details

Device	Software Tool	OS	FLASH	RAM	Processor	Hardware Difference	Software Type	SIM Type
7c+ EDGE	Phoenix Tool	4.0.4	4GB	512 MB	A13	Wifi Chip-8188EUS	Type 1	Single sim
	Phoenix Tool	4.0.4	4GB	512 MB	A13	Wifi Chip-8188ETV	Type2	Single sim
	Phoenix Tool	4.0.4	4GB	512 MB	A13	Wifi chip-Ralink	Type 3	Single sim
	Phoenix Tool	4.0.4	4GB	512 MB	A13	Wifi chip-8188ETV	Type 4	Single sim
	Phoenix Tool	4.0.4	4GB	512 MB	A13	TP Chip-Awinic	Type 5	Single sim
	Phoenix Tool	4.0.4	4GB	512 MB	A13	TP Chip-FT5206	Type 6	Single sim
	Phoenix Tool	4.0.4	4GB	512 MB	A13	Wifi chip-8188ETV	Type 7	Single sim
	MP tool	4.0.4	4GB	512 MB	Vimicro	NA	Type 8	Single sim
	Phoenix Tool	4.2.2	4GB	512 MB	A23	NA	Type 9	Single sim
7CZ	MP tool	4.0.4	4GB	512 MB	Vimicro	NA	Type1	Single sim
	Phoenix suite	4.0.4	4GB	512 MB	A13	NA	Type2	Single sim
	Phoenix suite	4.2.2	8GB	1GB	A20	NA	Type3	Single sim
	RK tool	4.2.2	4GB	512 MB	RK-2928	NA	Type4	Single sim
	Phoenix suite	4.2.2	4GB	1GB	A23	NA	Type5	Single sim
	Phoenix suite	4.2.2	4GB	1GB	A23	NA	Type6	Dual Sim
	SP/Bird tool	4.2.2	4GB	512 MB	MK-8312	NA	Type7	Dual Sim
	SP/Bird tool	4.2.2	4GB	512 MB	MK-8312	NA	Type8	Dual Sim
	Phoenix suite	4.2.2	4GB	1GB	A23	NA	Type 9	Single sim
7c+ G	Phoenix Tool	4.0.4	4GB	512 MB	A13	NA		Single sim
7CX	Phoenix Tool	4.0.4	4GB	512 MB	A13	Na	Type 1	Single sim
9Ci	RK tool	4.1	4GB	512 MB	RK-2928	NA	Type 1	NA
3G7	Phoenix Tool	4.0.4	4GB	512 MB	A13	NA	Type1	Single sim
	SP/Bird tool	4.2.2	4GB	1GB	MK-8312	NA	Type2	Dual Sim
	SP/Bird tool	4.2.2	4GB	1GB	MK-6572	NA	Type3	Dual Sim
PS5X	SP/Bird tool	MTK	128 MB	64 MB	MTK	NA	Type 1	Dual Sim
PS5	SP/Bird tool	4.0.4	512 MB	256 MB	MTK	NA	Type1	Dual Sim
PS3G5	SP/Bird tool	4.2.2	4GB	512 MB	MK-6572	NA	Type 1	Dual Sim
	SP/Bird tool	4.2.2	4GB	512 MB	MK-6572	NA	Type 2	Dual Sim

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iii. Part code details:

Device	Variants	TP	LCD	PCB	MIC	VIB	2G Attena
7c+ EDGE	Type 1	TPE001	DPE001	PCBE001	MCE001	VBE001	ATE001
	Type 2	TPE001	DPE001	PCBE001	MCE001	VBE001	ATE001
	Type 3	TPE003	DPE003	PCBE003	MCE003	VBE003	ATE003
	Type 4	TPE003	DPE003	PCBE003	MCE003	VBE003	ATE003
	Type 5	TPE005	DPE005	PCBE005	MCE005	NA	ATE005
	Type 6	TPE005	DPE005	PCBE005	MCE005	NA	ATE005
	Type 7	TPE007	DPE007	PCBE007	MCE007	VBE007	ATE007
	Type 8	TPE008	DPE008	PCBE008	MCE008	VBE008	ATE008
	Type 9	TPE009	DPE009	PCBE009	MCE009	VBE009	ATE009
7CZ	Type1	TPZ001	DPZ001	PCBZ001	MCZ001	VBZ001	ATZ001
	Type2	TPZ002	DPZ002	PCBZ002	MCZ002	VBZ002	ATZ002
	Type3	TPZ003	DPZ003	PCBZ003	MCZ003	VBZ003	ATZ003
	Type4	TPZ004	DPZ004	PCBZ004	MCZ004	VBZ004	ATZ004
	Type5	TPZ005	DPZ005	PCBZ005	MCZ005	VBZ005	ATZ005
	Type6	TPZ006	DPZ006	PCBZ006	MCZ006	VBZ006	ATZ006
	Type7	TPZ007	DPZ007	PCBZ007	MCZ007	VBZ007	ATZ007
	Type8	TPZ008	DPZ008	PCBZ008	MCZ008	VBZ008	ATZ008
	Type 9	TPZ009	DPZ009	PCBZ009	MCZ009	VBZ009	ATZ009
7c+ G	Type 1	TPP001	DPP001	PCBP001	MCP001	VBP001	ATP001
7CX	Type 1	TPX001	DPX001	PCBX001	MCX001	VBX001	ATX001
9Ci	Type 1	TP9C001	DP9C001	PCB9C001	MC9C001	VB9C001	AT9C001
3G7	Type1	TP3G7001	DP3G7001	PCB3G7001	MC3G7001	VB3G7001	AT3G7001
	Type2	TP3G7002	DP3G7002	PCB3G7002	MC3G7002	VB3G7002	AT3G7002
	Type3	TP3G7003	DP3G7003	PCB3G7003	MC3G7003	VB3G7003	AT3G7003
PS5X	Type1	TP5X001	DP5X001	PCBP5X001	MC5X001	VB5X001	AT5X001
PS5	Type1	TP5001	DP5001	PCBP5001	MC5001	VB5001	AT5001
PS3G5	Type1	TP3G5001	DP3G5001	PCB3G5001	MC3G5001	VB3G5001	AT3G5001
	Type2	TP3G5002	DP3G5002	PCB3G5002	MC3G5002	VB3G5002	AT3G5002

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Part code Details:

Device	Variants	Speaker	Receiver	Battery	Charger	Usb cable	OTG
7c+ EDGE	Type 1	SPE001	RXE001	BTE001	CHE001	DCE001	OTE001
	Type 2	SPE001	RXE001	BTE001	CHE001	DCE001	OTE001
	Type 3	SPE003	RXE003	BTE003	CHE003	DCE003	OTE003
	Type 4	SPE003	RXE003	BTE003	CHE003	DCE003	OTE003
	Type 5	SPE005	RXE005	BTE005	CHE005	DCE005	OTE003
	Type 6	SPE005	RXE005	BTE005	CHE005	DCE005	OTE003
	Type 7	SPE007	RXE007	BTE007	CHE007	DCE007	OTE007
	Type 8	SPE008	RXE008	BTE008	CHE008	DCE008	OTE008
	Type 9	SPE009	RXE009	BTE009	CHE009	DCE009	OTE009
7CZ	Type1	SPZ001	RXZ001	BTZ001	CHZ001	DCZ001	OTZ001
	Type2	SPZ002	RXZ002	BTZ002	CHZ002	DCZ002	OTZ002
	Type3	SPZ003	RXZ003	BTZ003	CHZ003	DCZ003	OTZ003
	Type4	SPZ004	RXZ004	BTZ004	CHZ004	DCZ004	OTZ004
	Type5	SPZ005	RXZ005	BTZ005	CHZ005	DCZ005	OTZ005
	Type6	SPZ006	RXZ006	BTZ006	CHZ006	DCZ006	OTZ006
	Type7	SPZ007	RXZ007	BTZ007	CHZ007	DCZ007	OTZ007
	Type8	SPZ008	RXZ008	BTZ008	CHZ008	DCZ008	OTZ008
	Type 9	SPZ009	RXZ009	BTZ009	CHZ009	DCZ009	OTZ009
7c+ G	Type 1	SPP001	RXP001	BTP001	CHP001	DCP001	OTP001
7CX	Type 1	SPX001	RXX001	BTX001	CHX001	DCX001	OTX001
9Ci	Type 1	SP9C001	RX9C001	BT9C001	CH9C001	DC9C001	OT9C001
3G7	Type1	SP3G7001	RX3G7001	BT3G7001	CH3G7001	DC3G7001	OT3G7001
	Type2	SP3G7002	RX3G7002	BT3G7002	CH3G7002	DC3G7002	OT3G7002
	Type3	SP3G7003	RX3G7003	BT3G7003	CH3G7003	DC3G7003	OT3G7003
PS5X	Type1	SP5X001	RX5X001	BT5X001	CH5X003	DC5X003	OT5X003
PS5	Type1	SP5001	RX5001	BT5001	CHP5003	DCP5003	OTP5003
PS3G5	Type1	SP3G5001	RX3G5001	BT3G5001	CH3G5001	DC3G5001	OT3G5001
	Type2	SP3G5002	RX3G5002	BT3G5002	CH3G5002	DC3G5002	OT3G5002

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1. Software Identification

1.1. 7C+ EDGE

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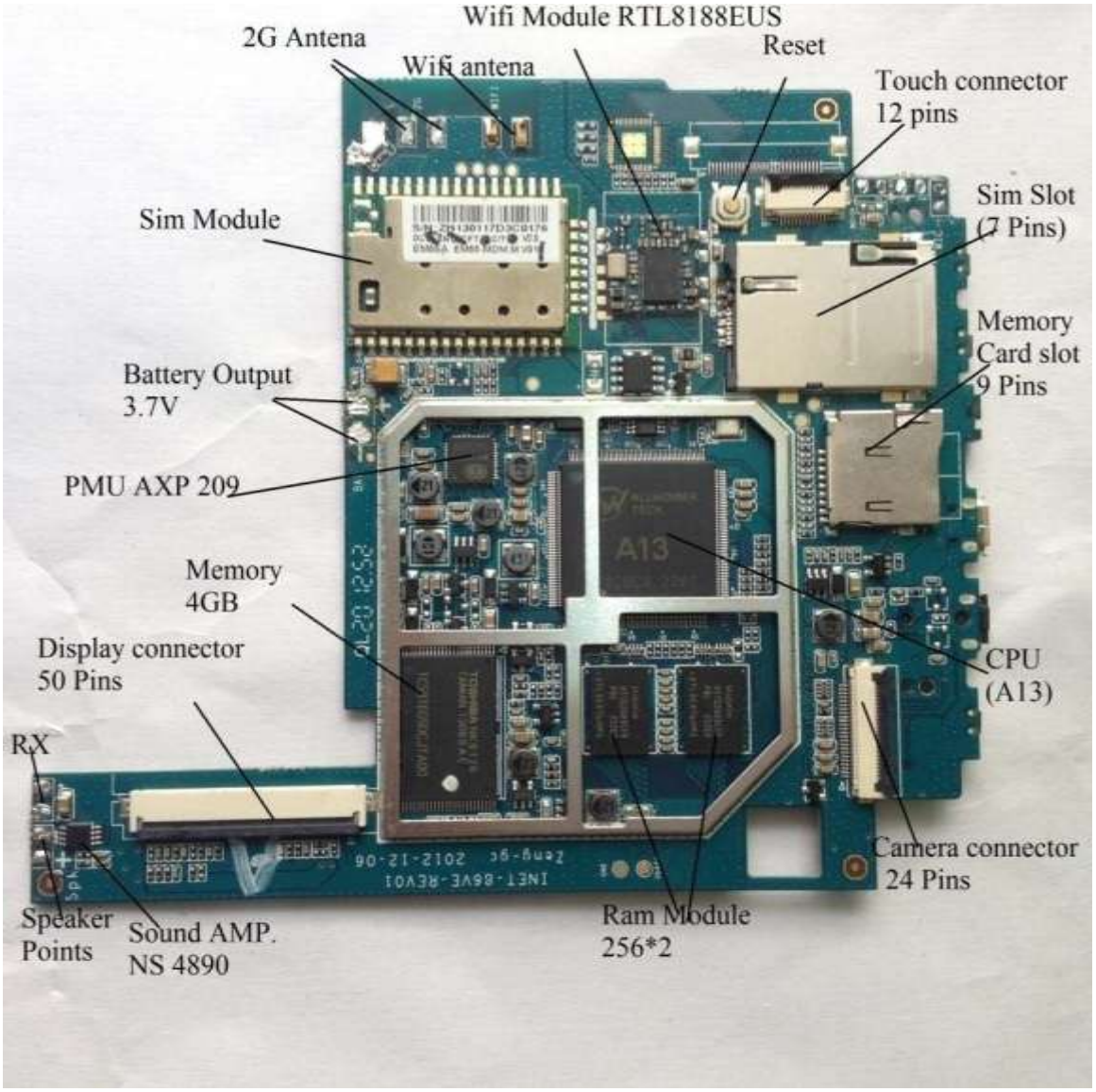


Datawind Properietry:should not be shared without permission.

1.1.1. Type 1

Motherboard: INET-86VE -REV01

Wi-Fi Module: Realtek-RTL8188EUS

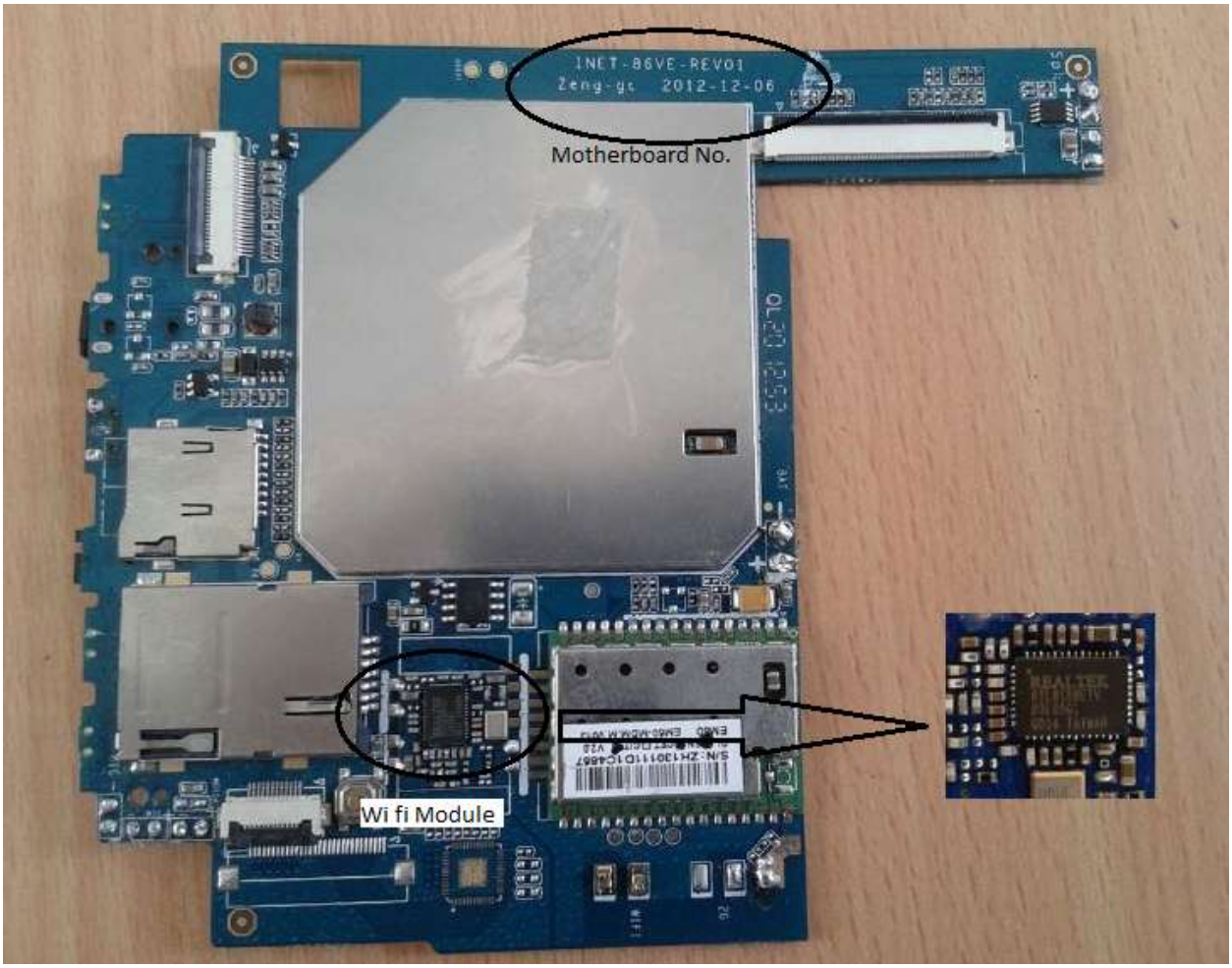
Programming Tool: PhoenixSuit_EN_tool

Datawind Properietry:should not be shared without permission.

1.1.2. Type 2:

Motherboard: INET-86VE -REV01

Wi fi Module: Realtek-RTL8188ETV

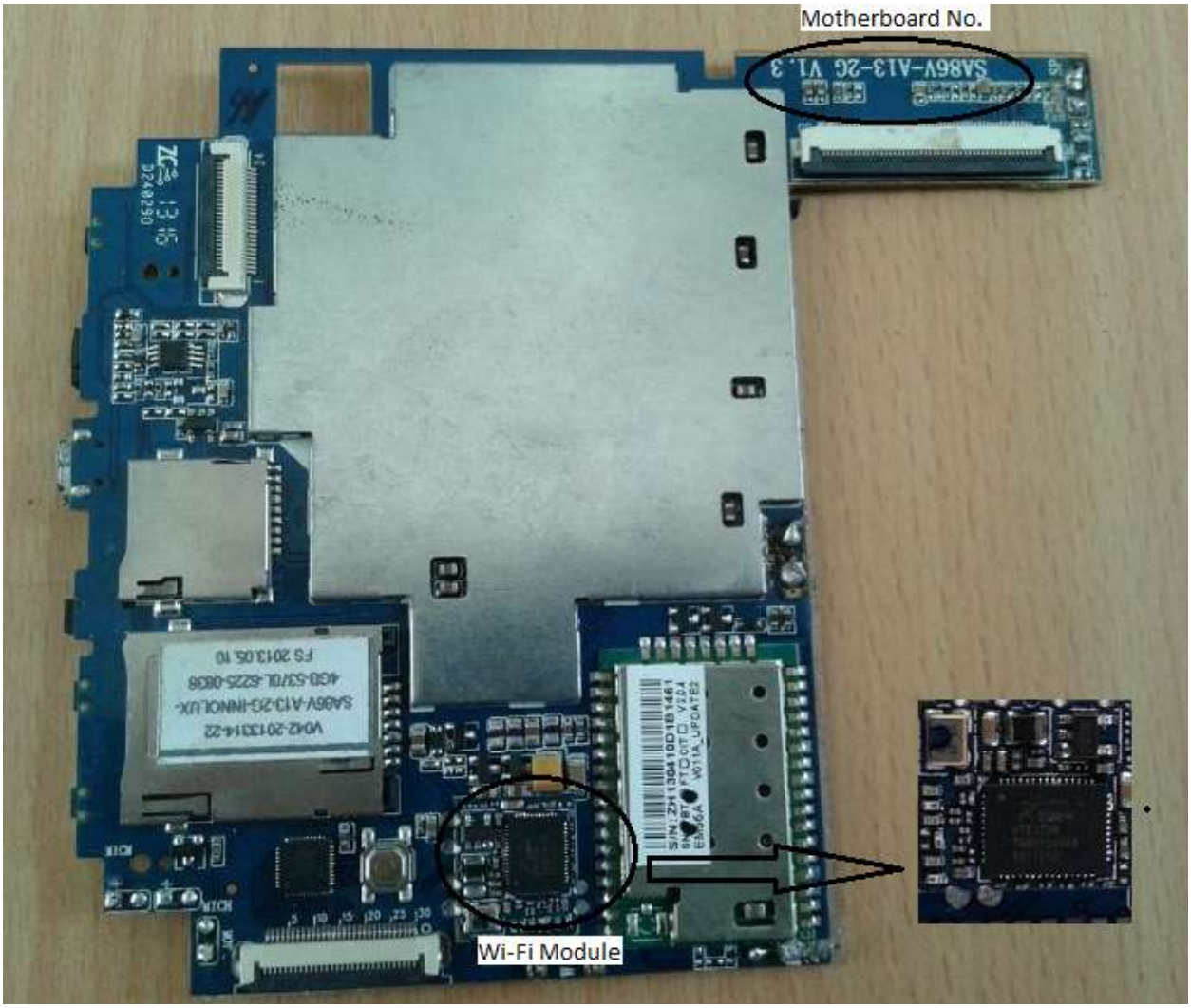


Programming Tool: PhoenixSuit_EN_tool

1.1.3. Type 3

Motherboard: SA-86VE -A13-2G

Wi-Fi Module: Railink -RT5370N

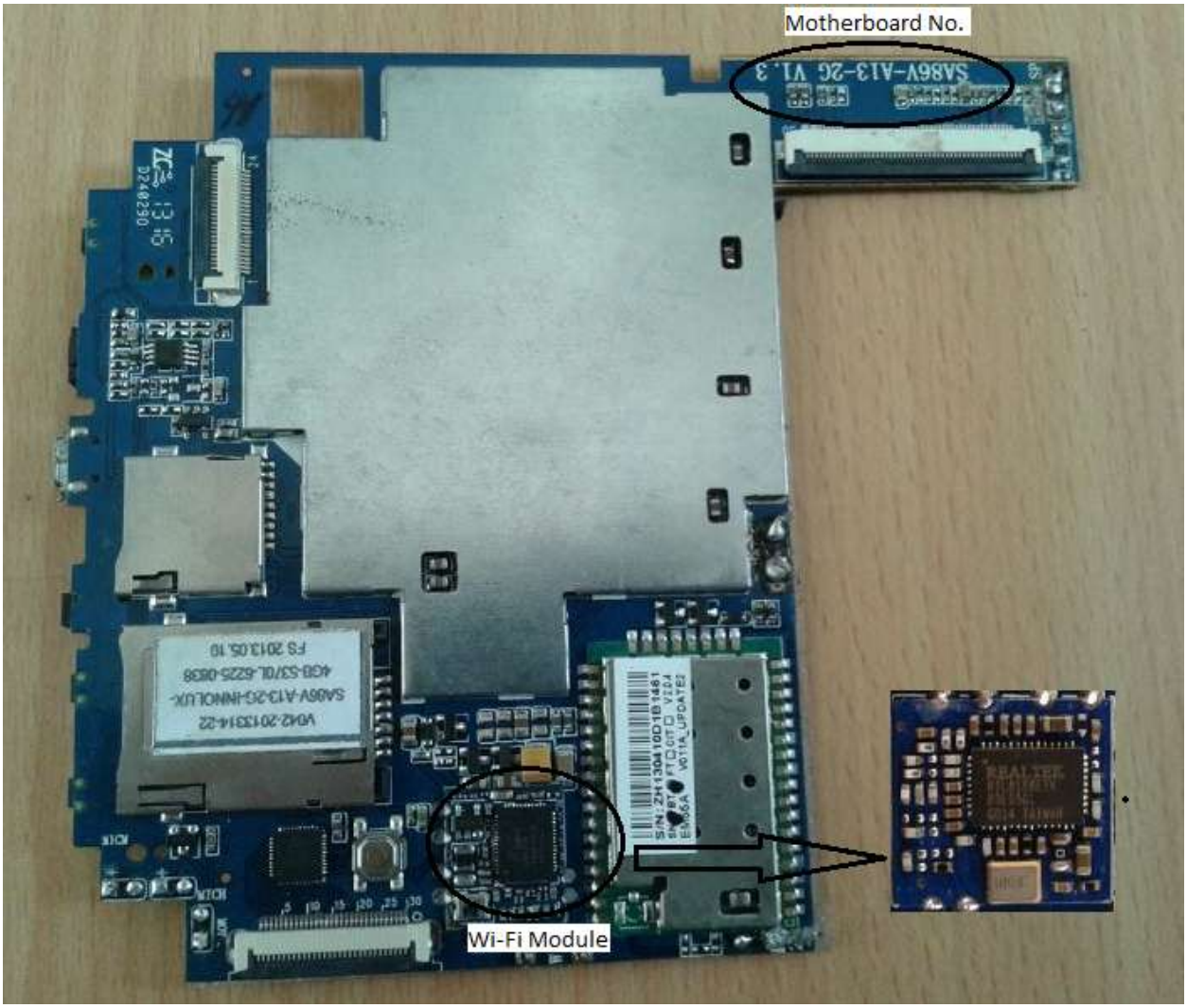


Programming Tool: PhoenixSuit_EN_tool

1.1.4. Type 4

Motherboard: SA-86VE -A13-2G

Wi-Fi Module: Realtek-RTL8188ETV



Programming Tool: PhoenixSuit_EN_tool

1.1.5. Type 5

Wi Fi Module: Realtek-RTL8188EUS

Device resembles with 7C+ GPRS but notice that pcb color is different.

Programming Tool: PhoenixSuit_EN_tool

1.1.6. Type 7:

Motherboard: INET-86VE -REV02

Wi-Fi Module: Realtek-RTL8188ETV

Programming Tool: PhoenixSuit_EN_tool

Datawind Properietry:should not be shared without permission.
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1.1.7. Type 8:

Motherboard: Q82G

Wi-Fi Module: Realtek-RTL8188ETV

Programming Tool: MPtool

Apps Programming tool: Package v1.0.0.41

1.1.8. Type 9

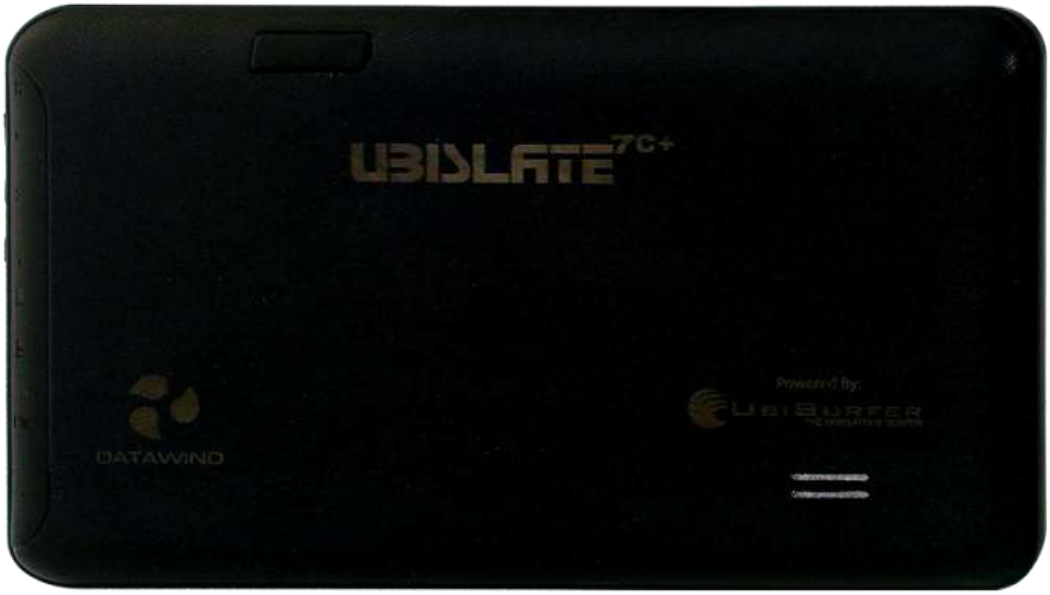
Processor: A23

Wi Fi Module: Realtek-RTL8188ETV

Programming Tool: PhoenixSuit_EN_tool

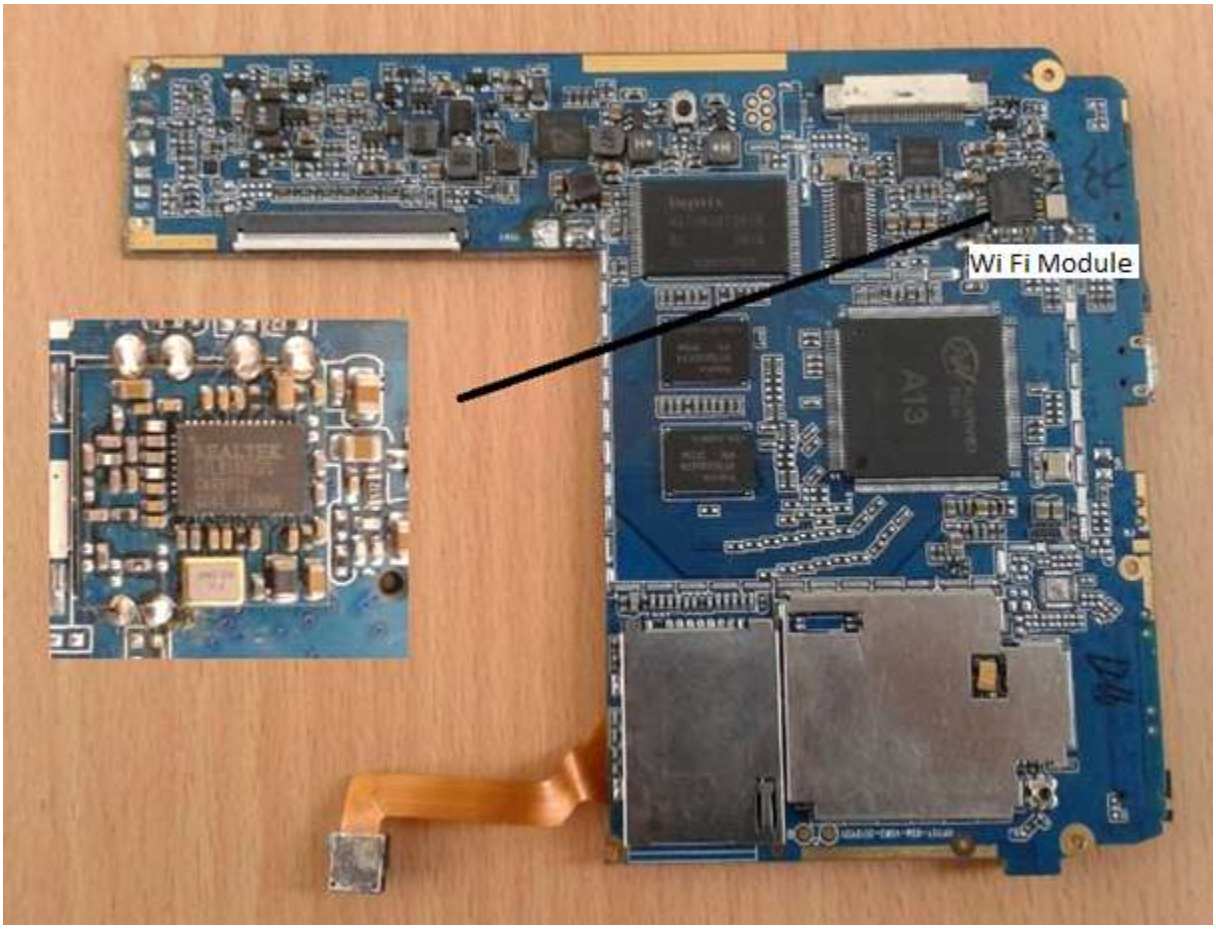
Apps Programming tool: Package v1.0.0.41

1.2. 7c+ GPRS



1.2.1. Type 1

Wi-Fi Module: Realtek-RTL8188EUS



Programming Tool: PhoenixSuit_EN_tool

Datawind Properietry:should not be shared without permission.
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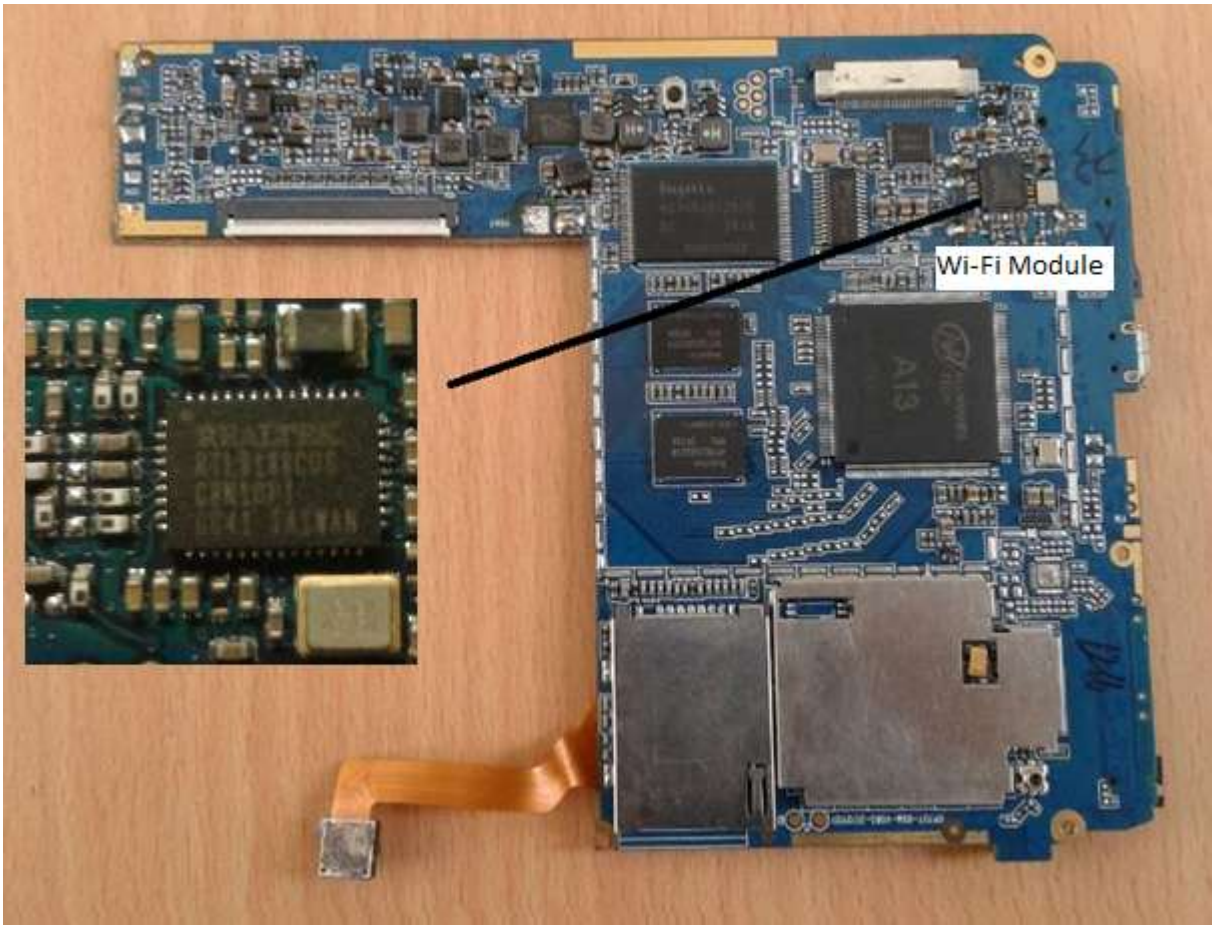
1.2.2. Type 2

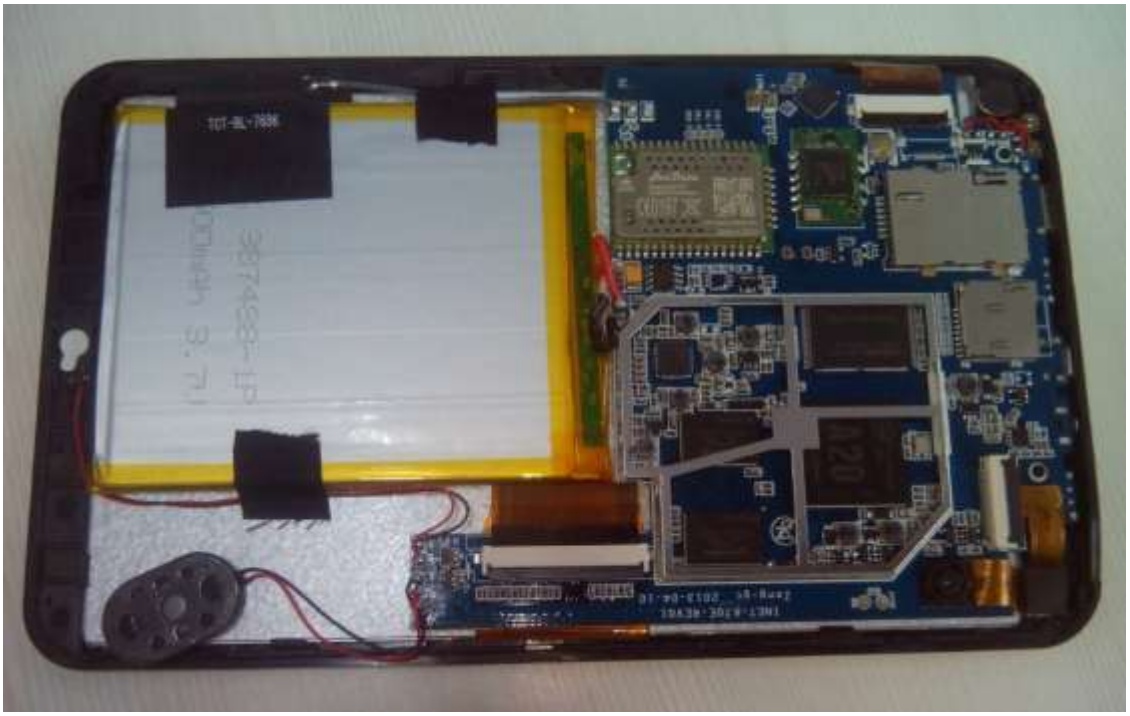
Wi-Fi Module: Realtek-RTL8188CUS



Programming Tool: PhoenixSuit_EN_tool

1.3. 7Cz Software Identification

1.3.1. 7Cz type 3:



Programming Tool: PhoenixSuit_EN_tool

1.3.2. 7Cz Type 4

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Programming tool: RKbatch_tool

1.3.3. 7Cz Type 5

Datawind Properietry:should not be shared without permission.

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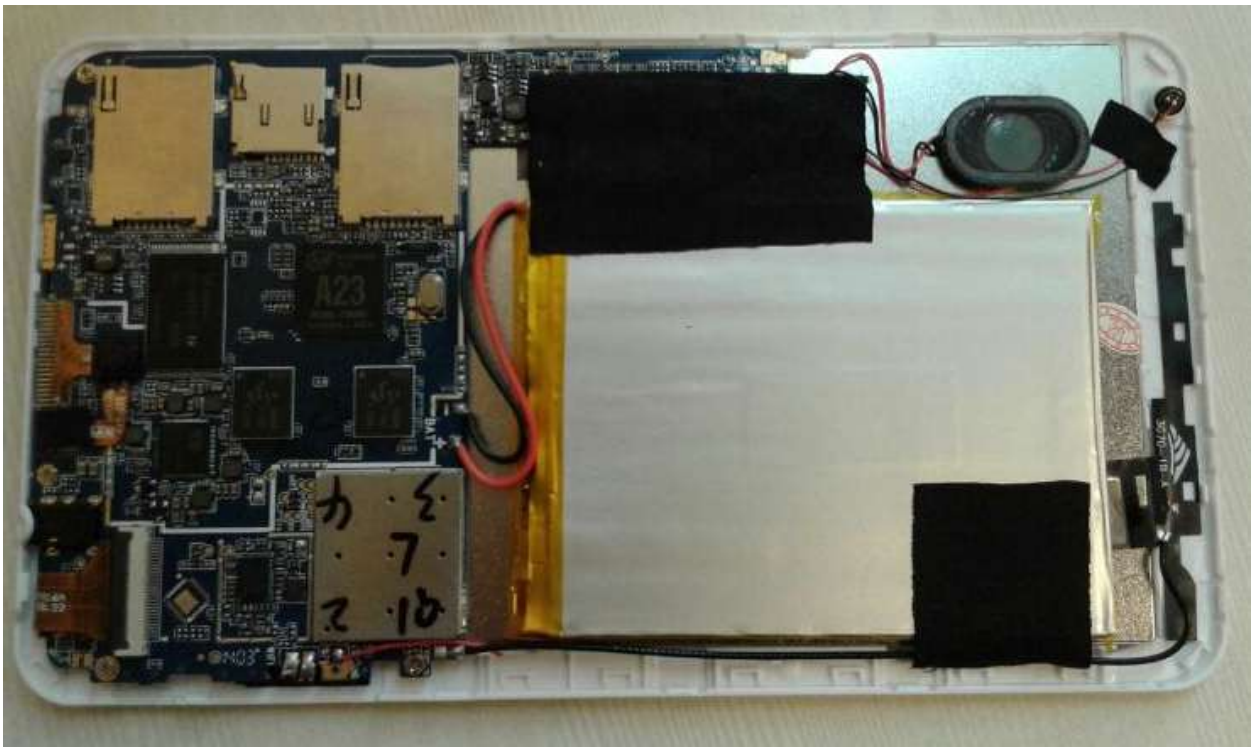
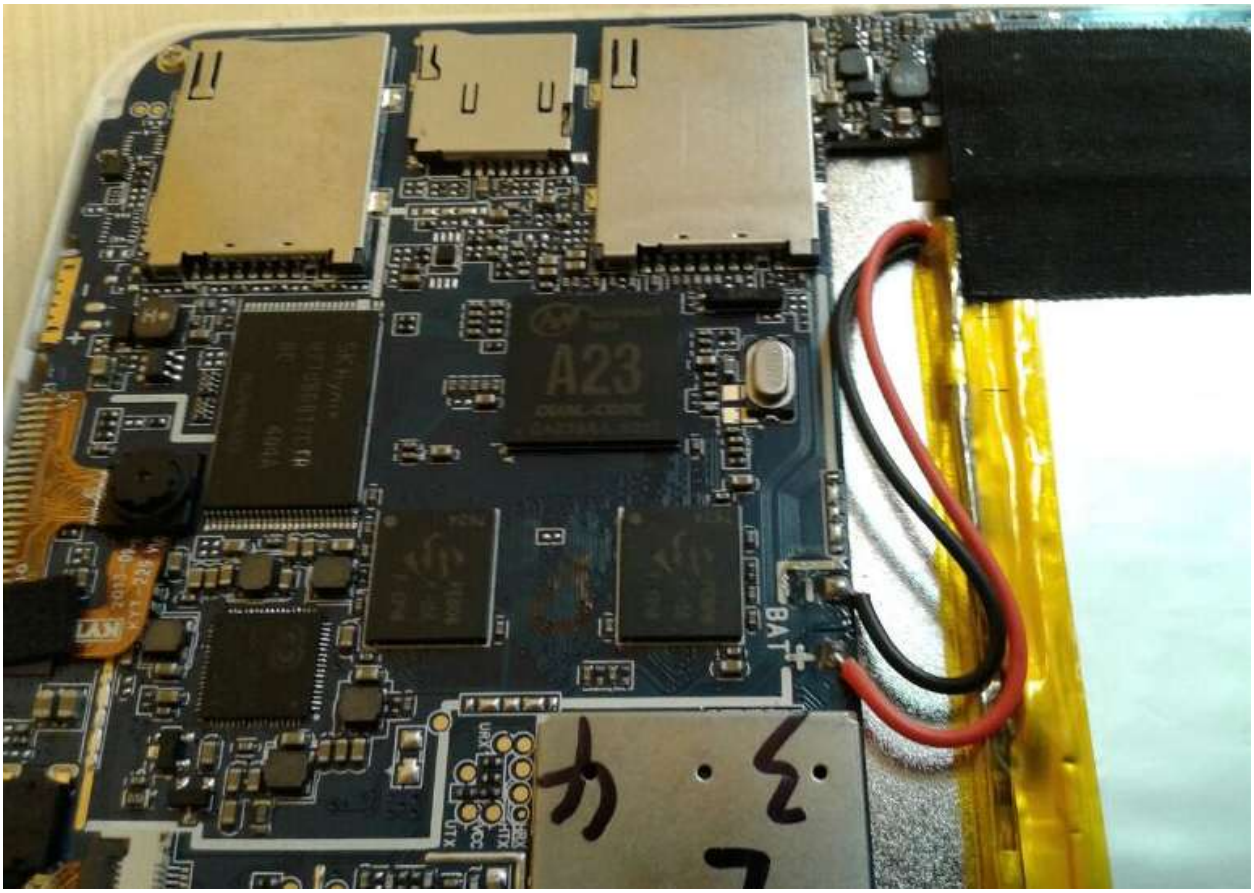
Programming tool: PhoenixSuit_EN_tool

Apps Programming tool: Package v1.0.0.41

1.3.4. 7Cz Type 6





Processor: A23

Programming tool: PhoenixSuit_EN_tool

Apps Programming tool: Package v1.0.0.41

Datawind Properietry:should not be shared without permission.
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1.3.5. 7Cz Type 7

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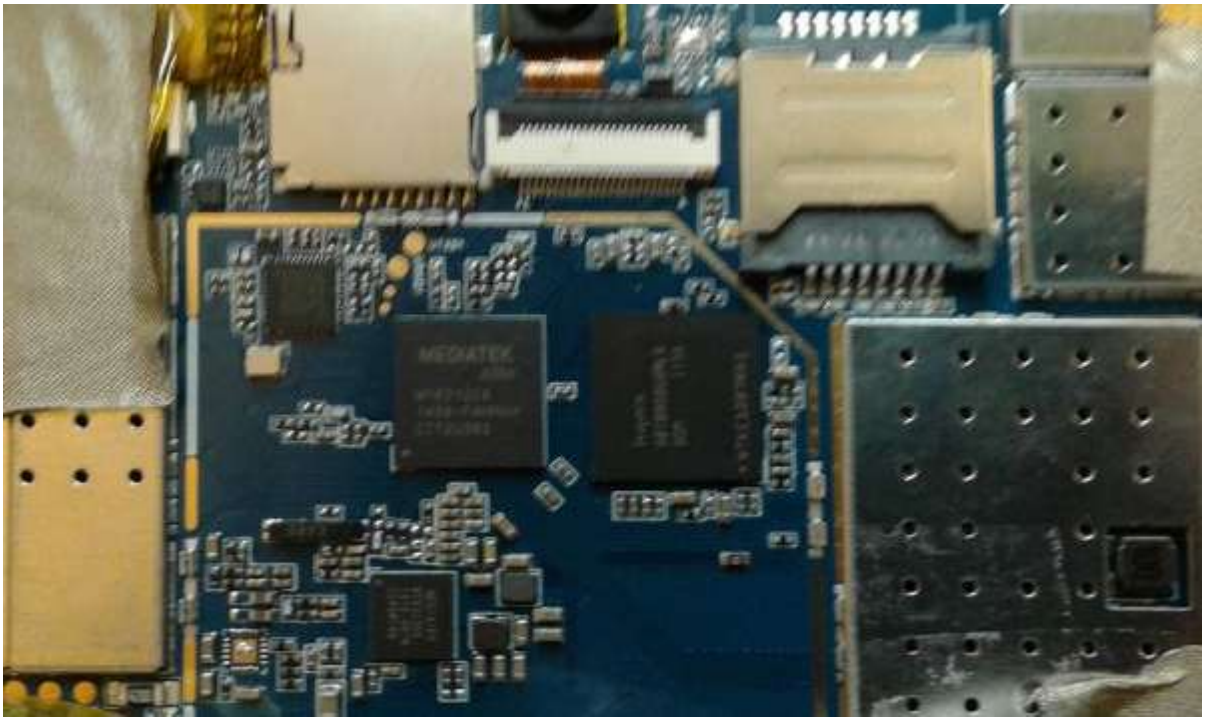

Processor:MediaTek

Programming tool: BirdA_tool

Datawind Properietry:should not be shared without permission.
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1.3.6. 7Cz type 8:

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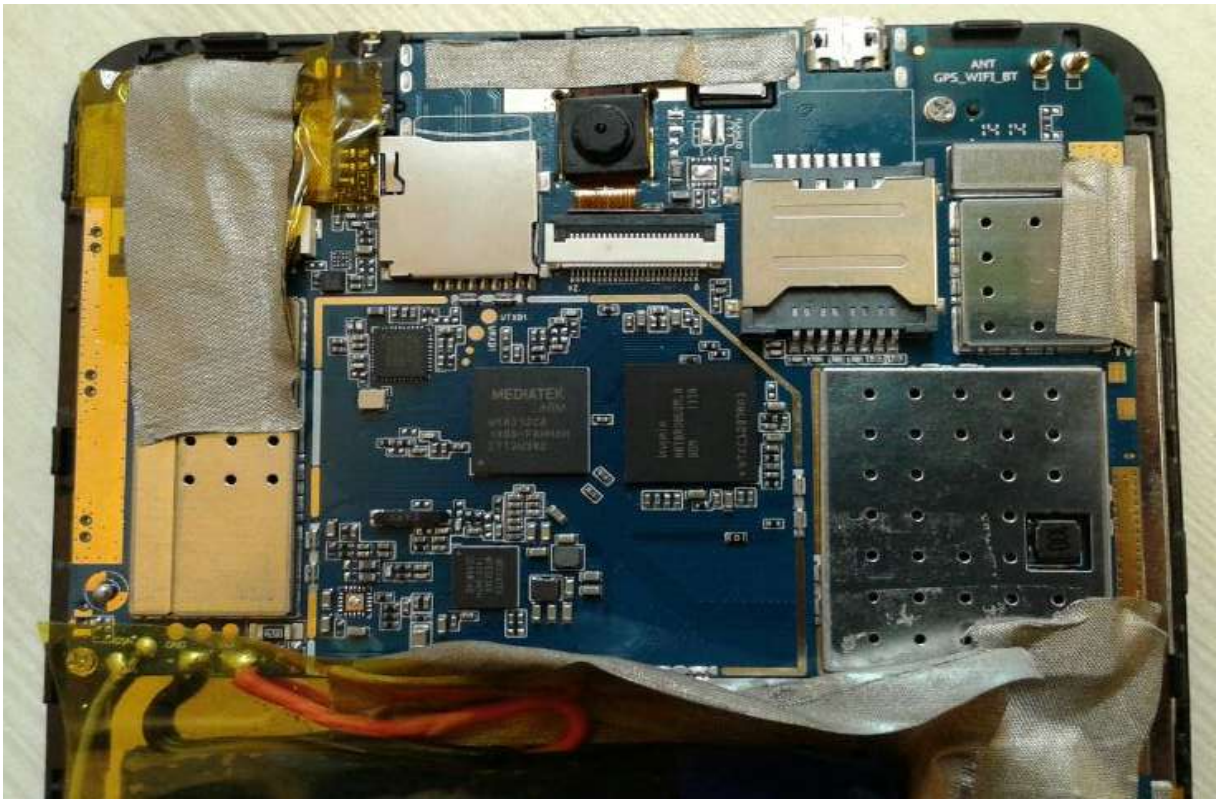

Processor: MediaTek MT8312CA

Programming tool: SP Flash Tool

Datawind Properietry:should not be shared without permission.
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1.3.7. 7Cz Type 9:

.

Processor : A23

Programming tool: PhoenixSuit_EN_tool

1.4. 3G7

1.4.1. 3G7 Type 1:

Motherboard: INET-86VW-REV06

Programming tool: PhoenixSuit_EN_tool

3G7 with White color back cover have same type1 software.

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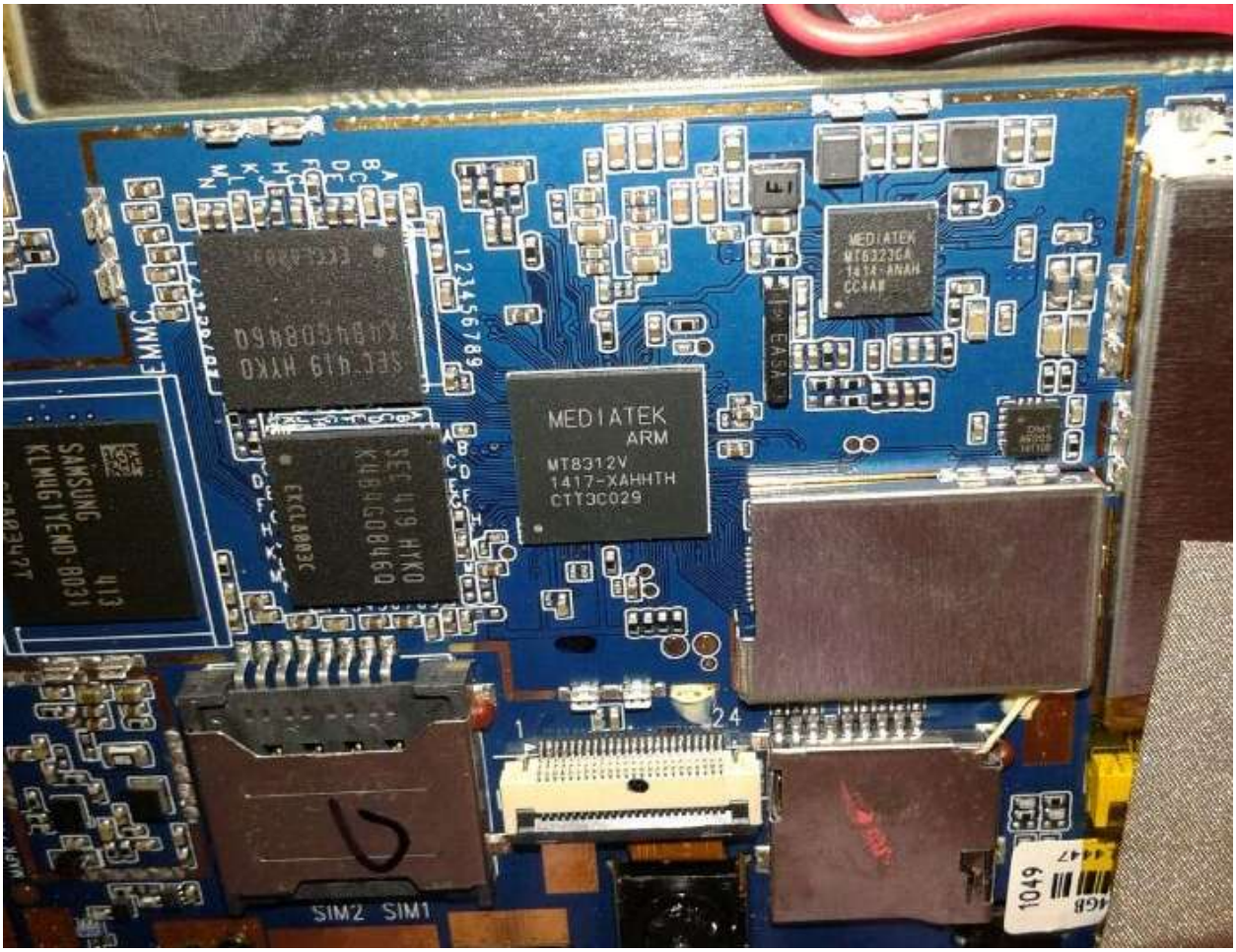
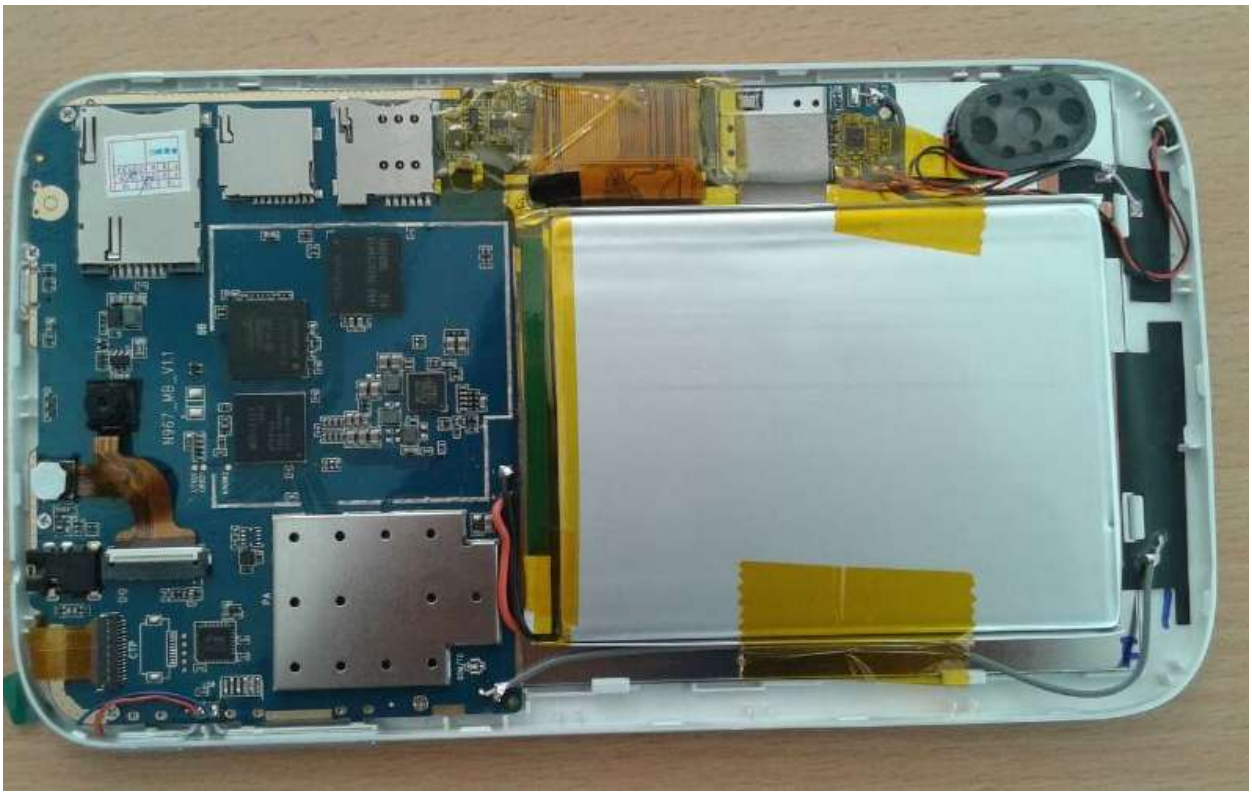
1.4.2. 3G7 Type 2:

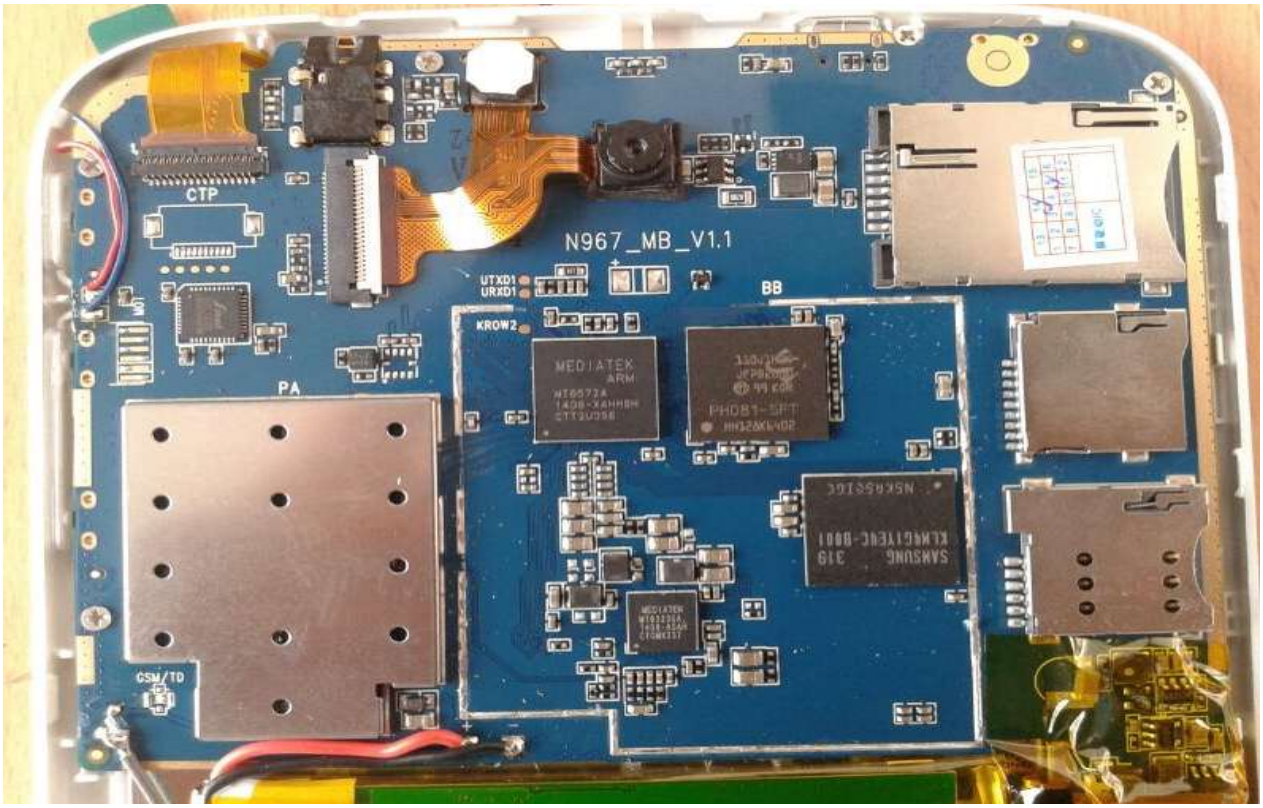


Processor: MediaTek MT8312V

Programming Tool: BirdA_Tool\SP Flash_tool

1.4.3. 3G7 Type 3:





Processor: MediaTek MT8312V

Programming Tool: BirdA_Tool\SP Flash_tool

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1.5. 9Ci

Programming tool: RKBatch_Tool

1.6. 7Cx

Programming tool: PhoenixSuit_EN_tool

1.7. 7Ci

Programming tool: PhoenixSuit_EN_tool

There are two type of PCBs, Red and Green, Install software acordingly.

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1.8. PS3G5

1.8.1. Type 1

Programming Tool: BirdA_Tool\SP_Flash_Tool

1.8.2 . Type2:

Programming Tool: BirdA_Tool\SP_Flash_Tool

1.9. Pocketsurfer 5

1.9.1. Type 1

Programming Tool: BirdA_Tool\SP_Flash_Tool

1.9.2. Type 2

Programming Tool: BirdA_Tool\SP_Flash_Tool

1.10. Pocketsurfer 5x (PS5X)

Programming Tool: BirdA_Tool\SP_Flash_Tool

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2. Programming Datawind Devices

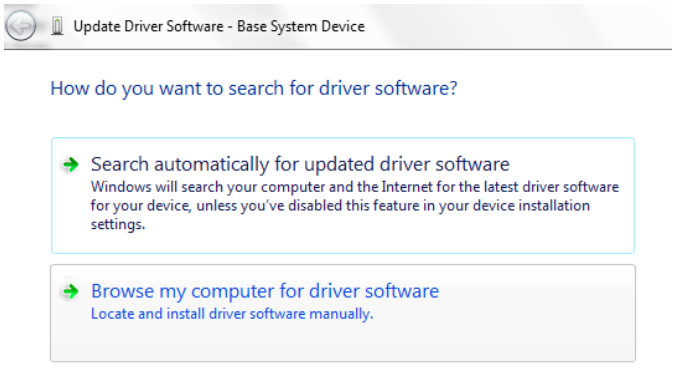
2.1. Installing ADB (android developer bridge) Drivers

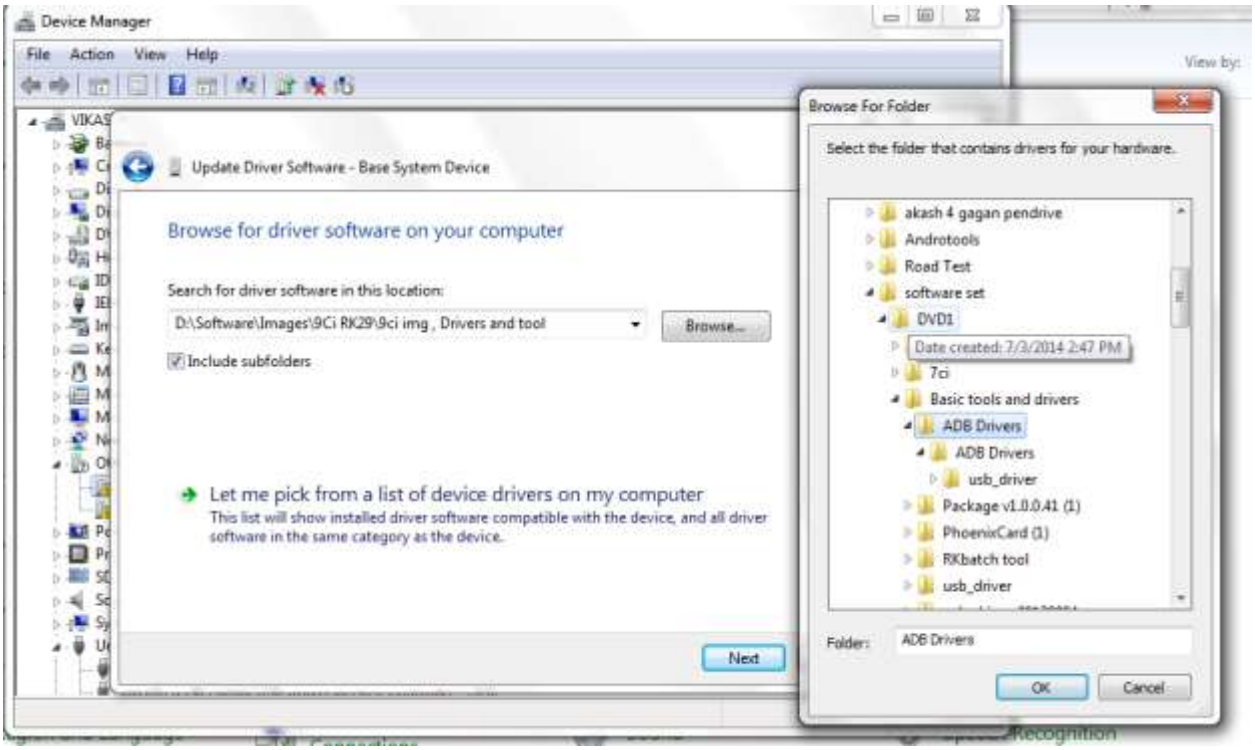
Step 1: Press volume (-) button and connect the device to computer using datacable.

Step 2: Open Device manager and search for new hardware.

Step3: Right Click on the Unknown devices and select update driver.

Step4: Select the driver from computer hard disk.


Update Driver Software - Base System Device
How do you want to search for driver software?
Search automatically for updated driver software
Windows will search your computer and the Internet for the latest driver software for your device, unless you've disabled this feature in your device installation settings.
Browse my computer for driver software
Locate and install driver software manually.



Let computer update the software

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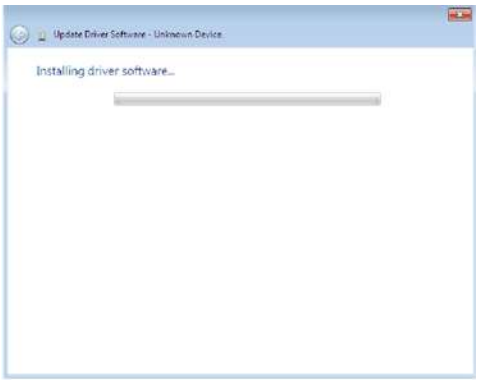
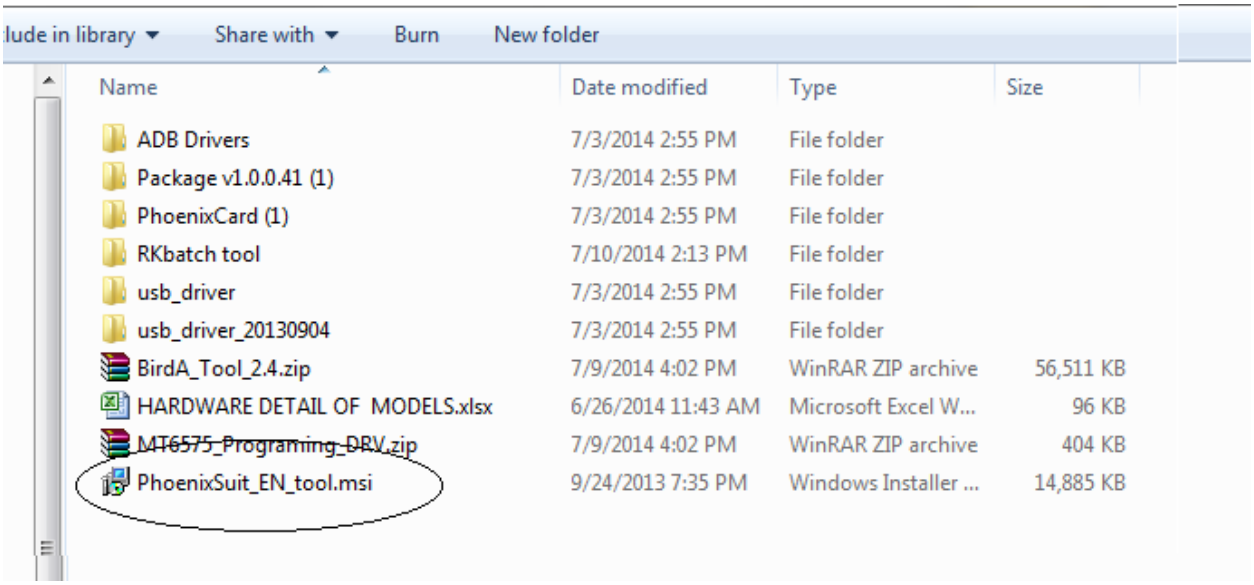


2.2. Flashing Procedure with PhoenixSuit_EN_tool

Installing PhoenixSuit:

Run the setup from the software folders and install.


lude in library
Share with
Burn
New folder
Name
Date modified
Type
Size
ADB Drivers 7/3/2014 2:55 PM File folder
Package v1.0.0.41 (1) 7/3/2014 2:55 PM File folder
PhoenixCard (1) 7/3/2014 2:55 PM File folder
RKbatch tool 7/10/2014 2:13 PM File folder
usb_driver 7/3/2014 2:55 PM File folder
usb_driver_20130904 7/3/2014 2:55 PM File folder
BirdA_Tool_2.4.zip 7/9/2014 4:02 PM WinRAR ZIP archive 56,511 KB
HARDWARE DETAIL OF MODELS.xlsx 6/26/2014 11:43 AM Microsoft Excel W... 96 KB
MT6575_Programing_DRV.zip 7/9/2014 4:02 PM WinRAR ZIP archive 404 KB
PhoenixSuit_EN_tool.msi 9/24/2013 7:35 PM Windows Installer ... 14,885 KB

Step 1: Open the PhoenixSuit from start menu.

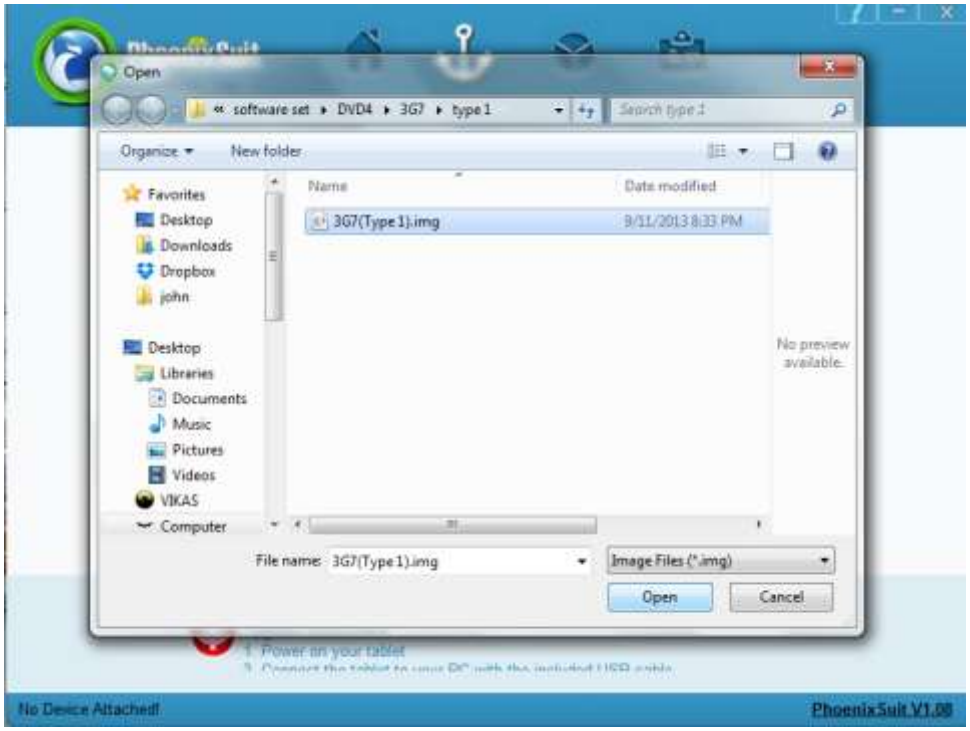
.

PhoenixSuit
No Device Attached Yet
Preparation Work:
1.Connect Device to PC with USB Cable 2. Turn on the Device's ADB (USB Debug Mode: Go to Settings>Developer Options>USB debugging ON)
No Device Attached!
PhoenixSuit V1.08

Step 2: Click on the Firmware.

Datawind Properietry:should not be shared without permission.
Prepared by- Vikas Kumar

Step 3: Load the image from Hard disk Location.

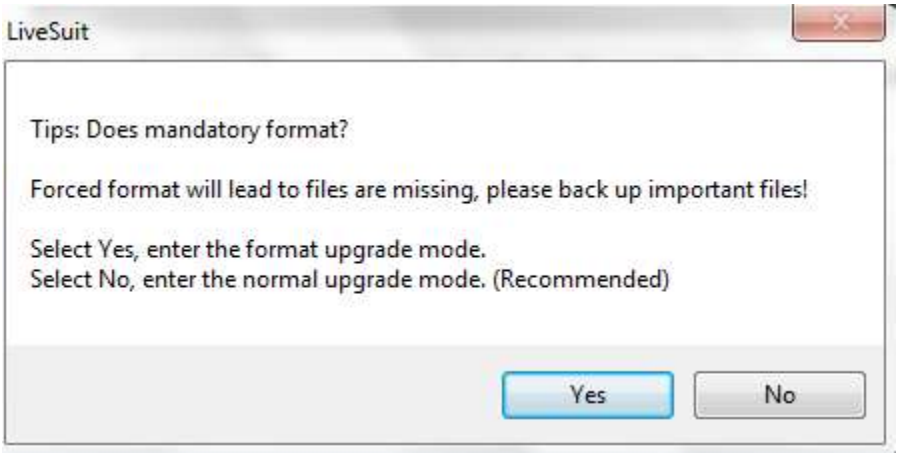


Step 4: Power off the Device and disconnect from computer if connected.

Step 5: Put the device into recovery mode by continues pressing volume (-) key and toggle pressing power key 4-5 times.

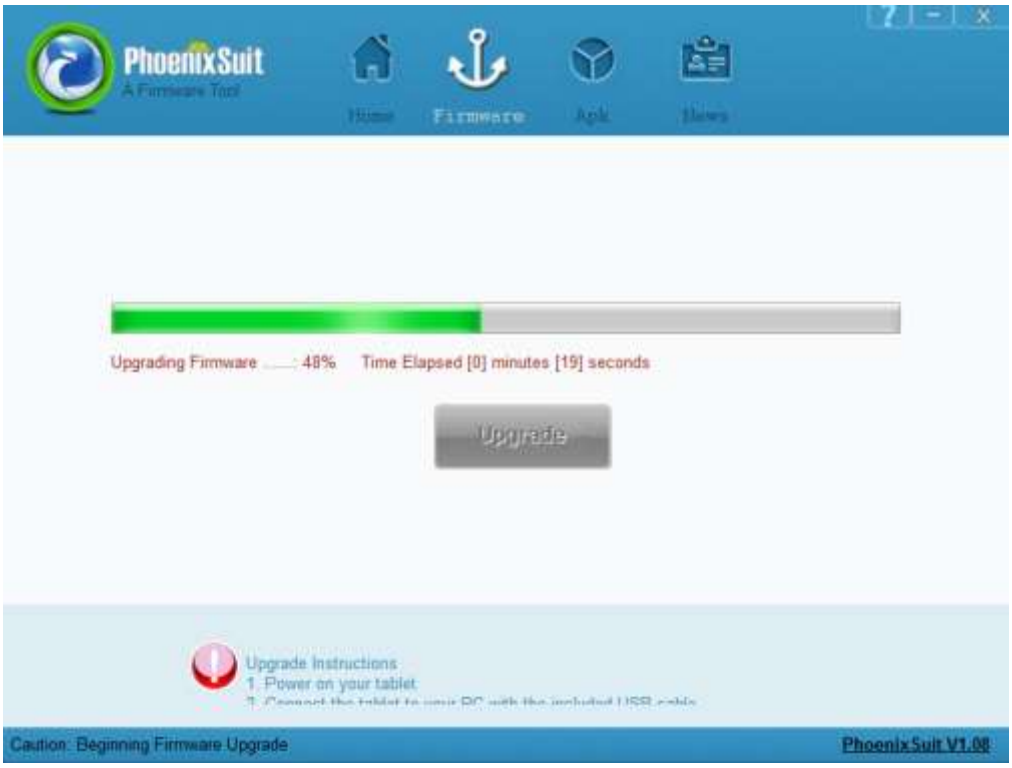
Step 6: Keep on pressing volume (-) key and connect the device to computer using data cable.

Step 7: Once the following message arrive, release volume (-) key.

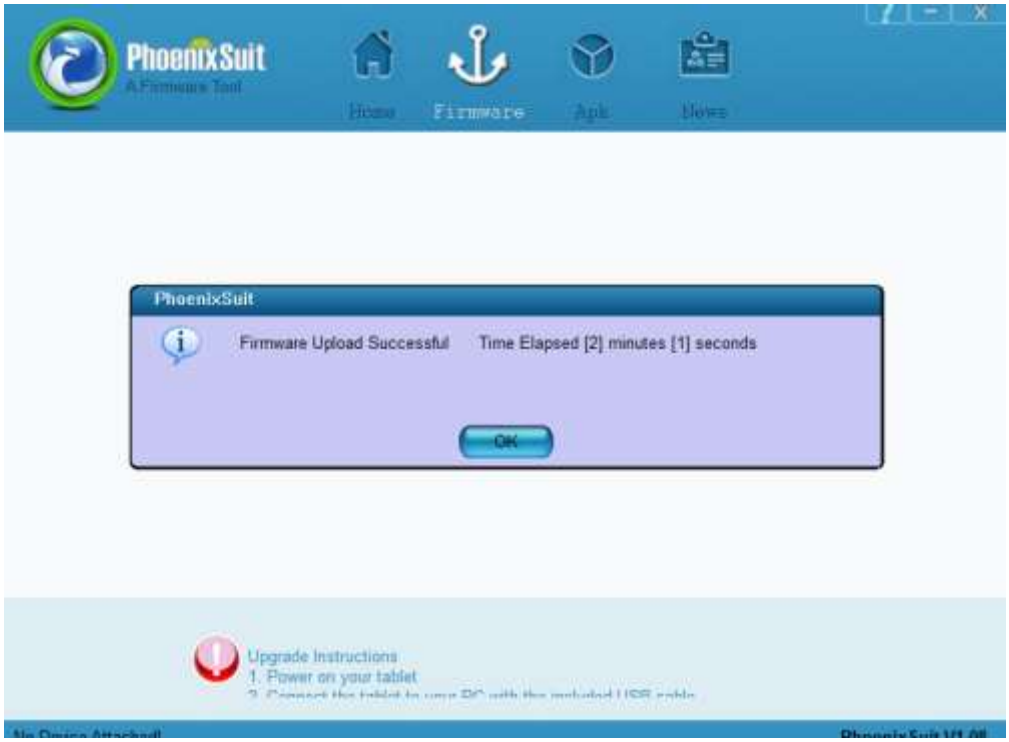

LiveSuit
Tips: Does mandatory format?
Forced format will lead to files are missing, please back up important files!
Select Yes, enter the format upgrade mode.
Select No, enter the normal upgrade mode. (Recommended)
Yes
No

Step 8: Click yes on each message that arrives and the flashing process will start.

.



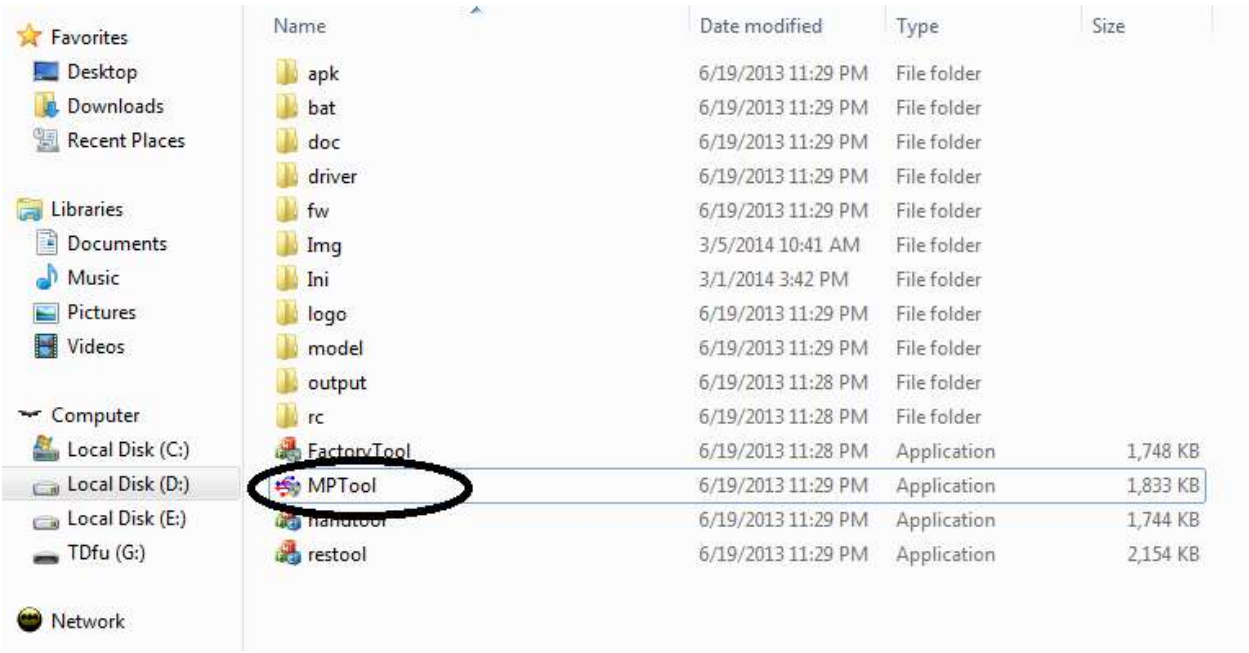
Sit back and let it complete until following message arrives.

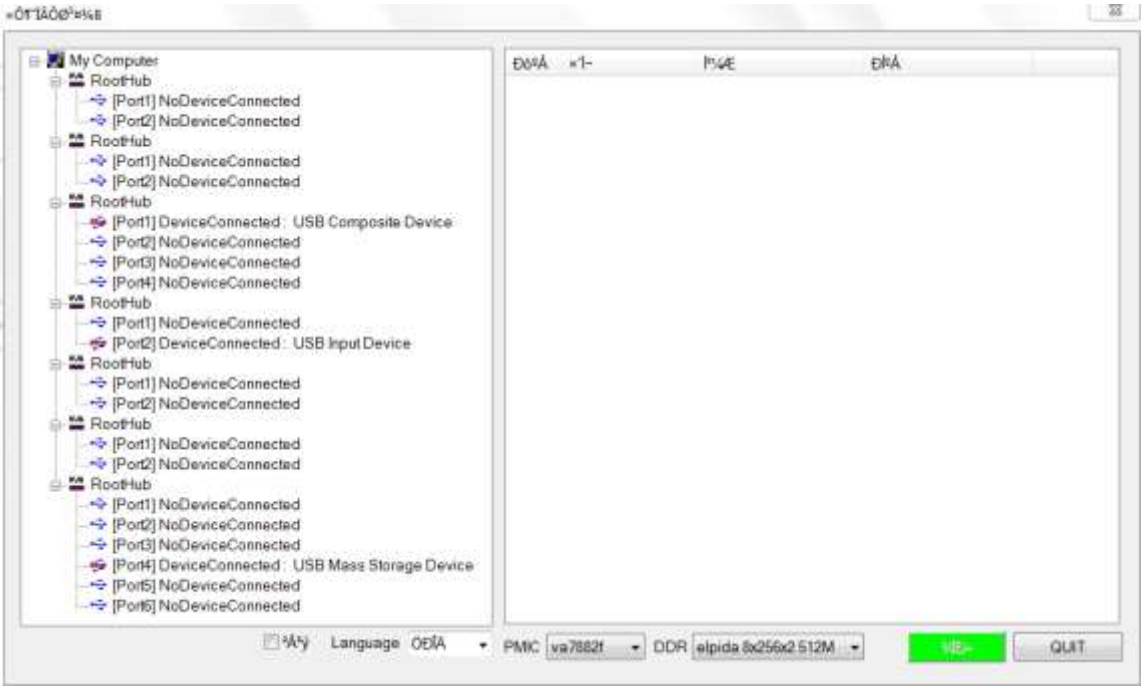


Caution: Please don't disconnect devices once programming process started else it could be dead.

2.3. Flashing Procedure with MPtool.

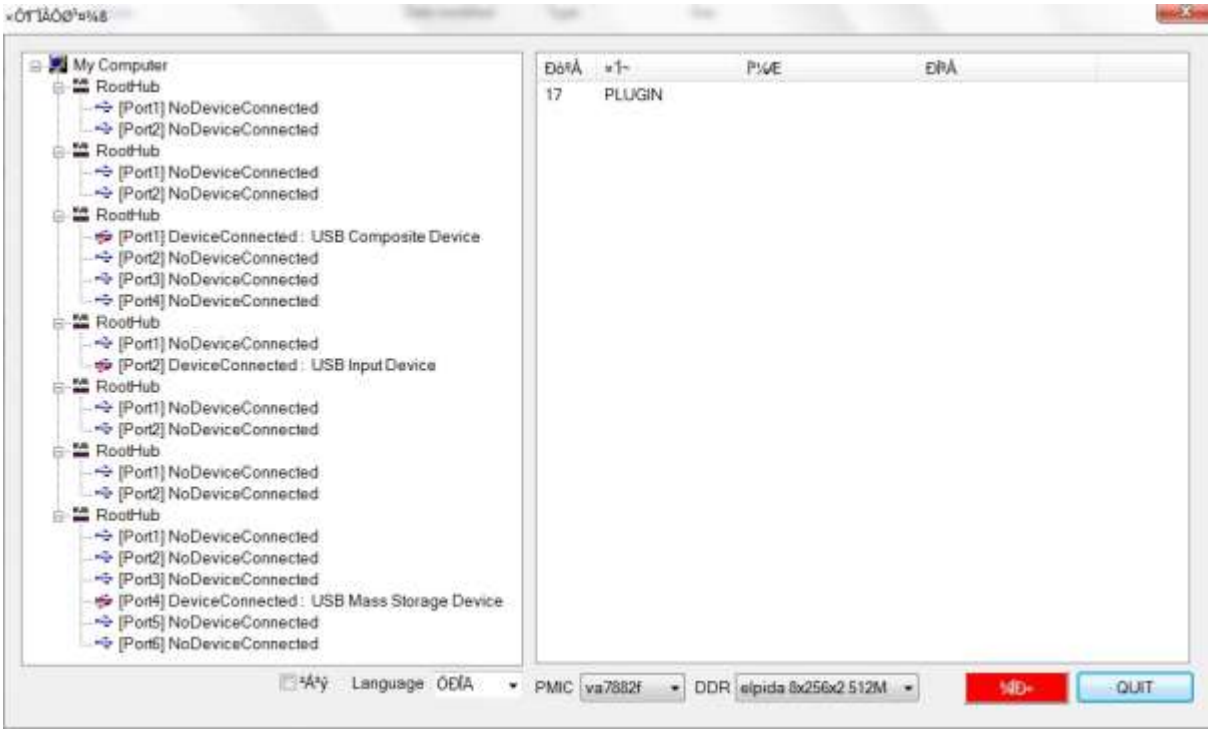
Step 1: Double click the MPtool.exe from the software folder.



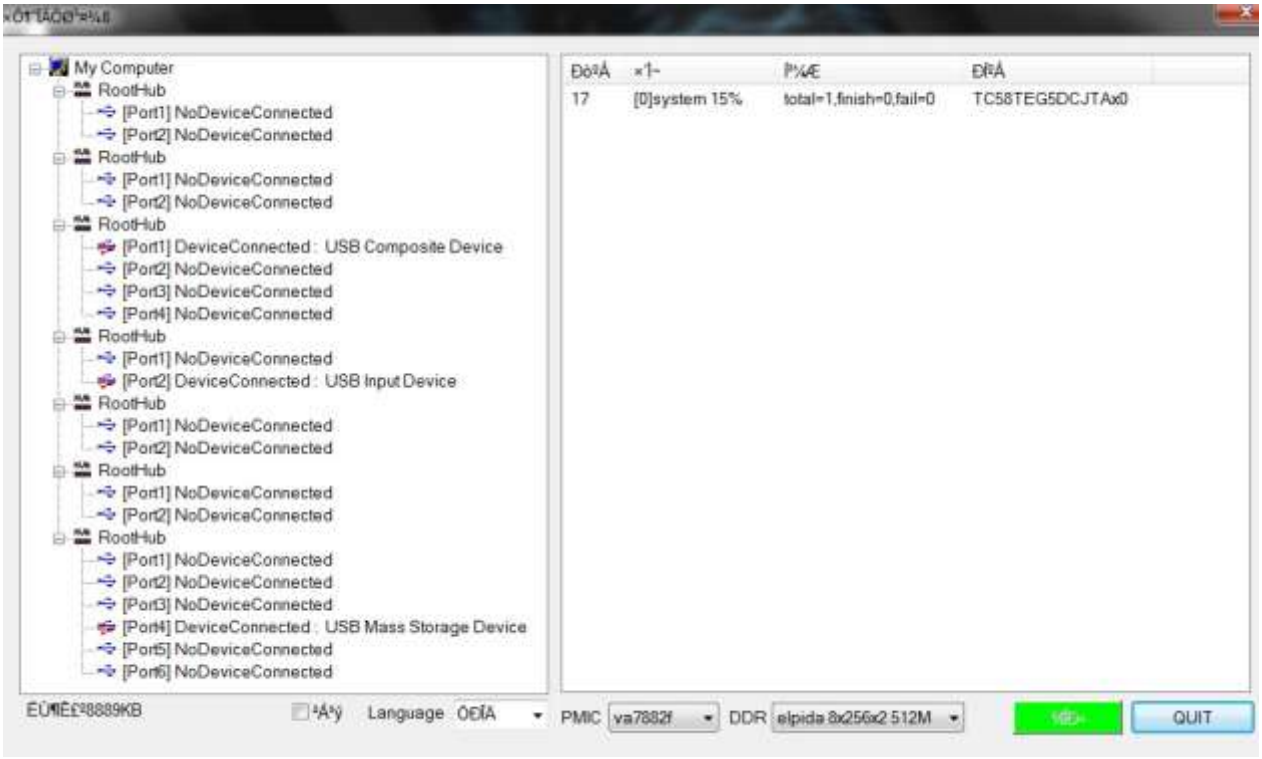


Step 2: Put the device into recovery mode by continues pressing volume (-) key and toggle pressing power key 4-5 times.

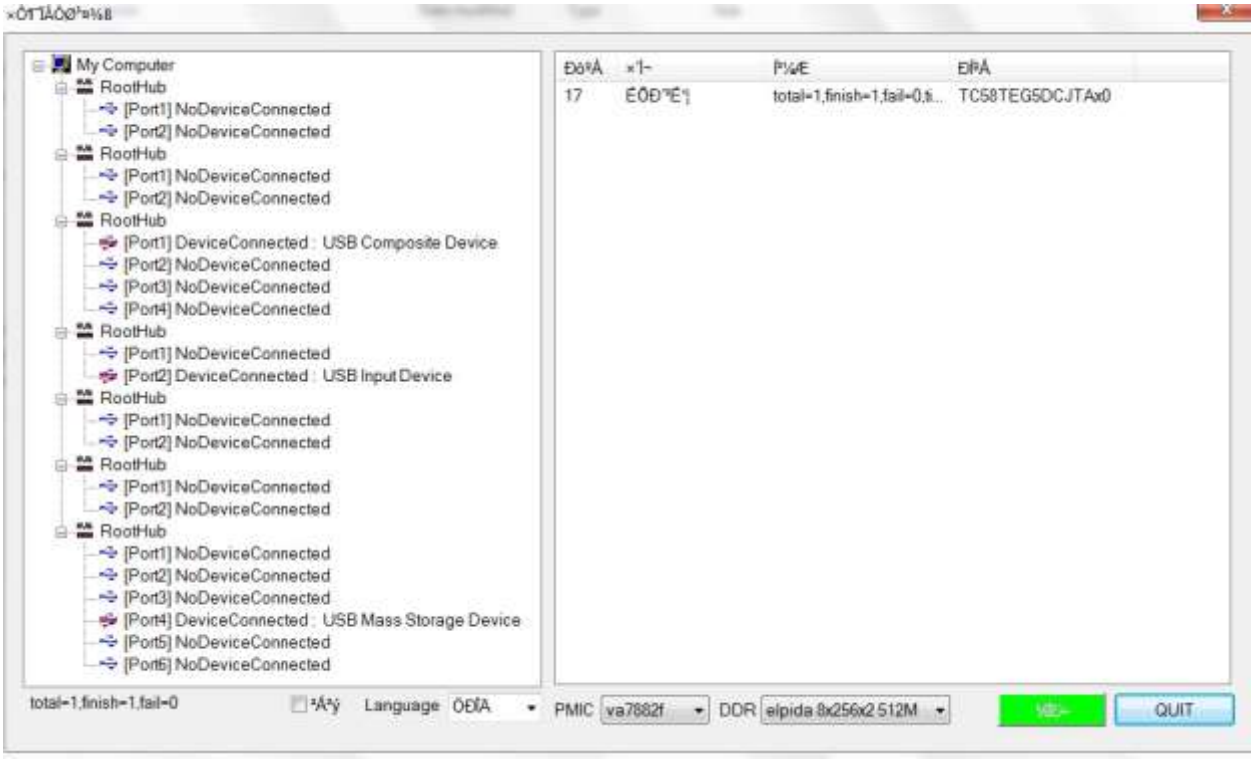
Step 3: Keep on pressing volume (-) key and connect the device to computer using data cable until the flashing process starts.



Step 4: Release the volume (-) key when process starts and let the process complete.



Step 5: Disconnect the device when process completes.



After installing MPtool install applications in device using DatawindDevProg tool.

2.4. Flashing Procedure with RKBatch_tool

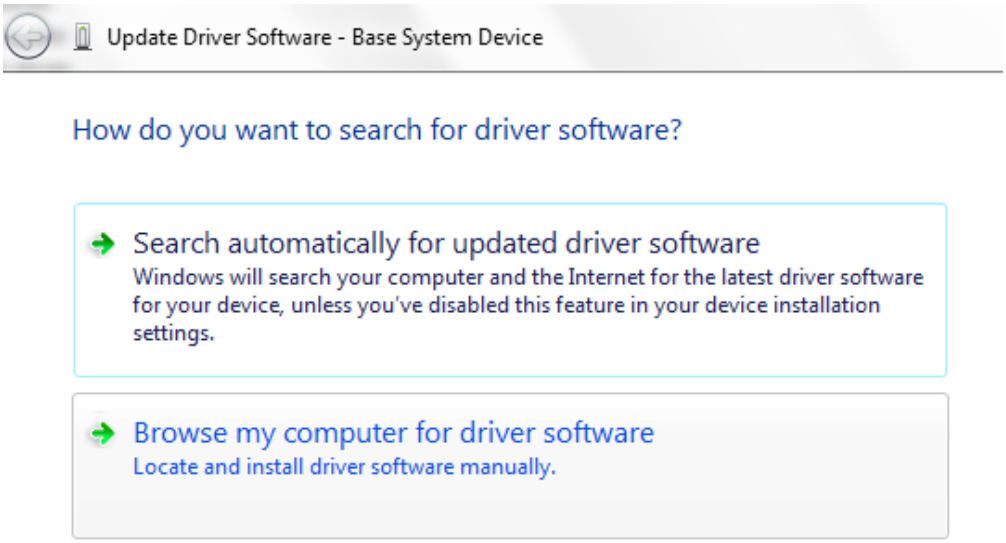
Driver Installation:

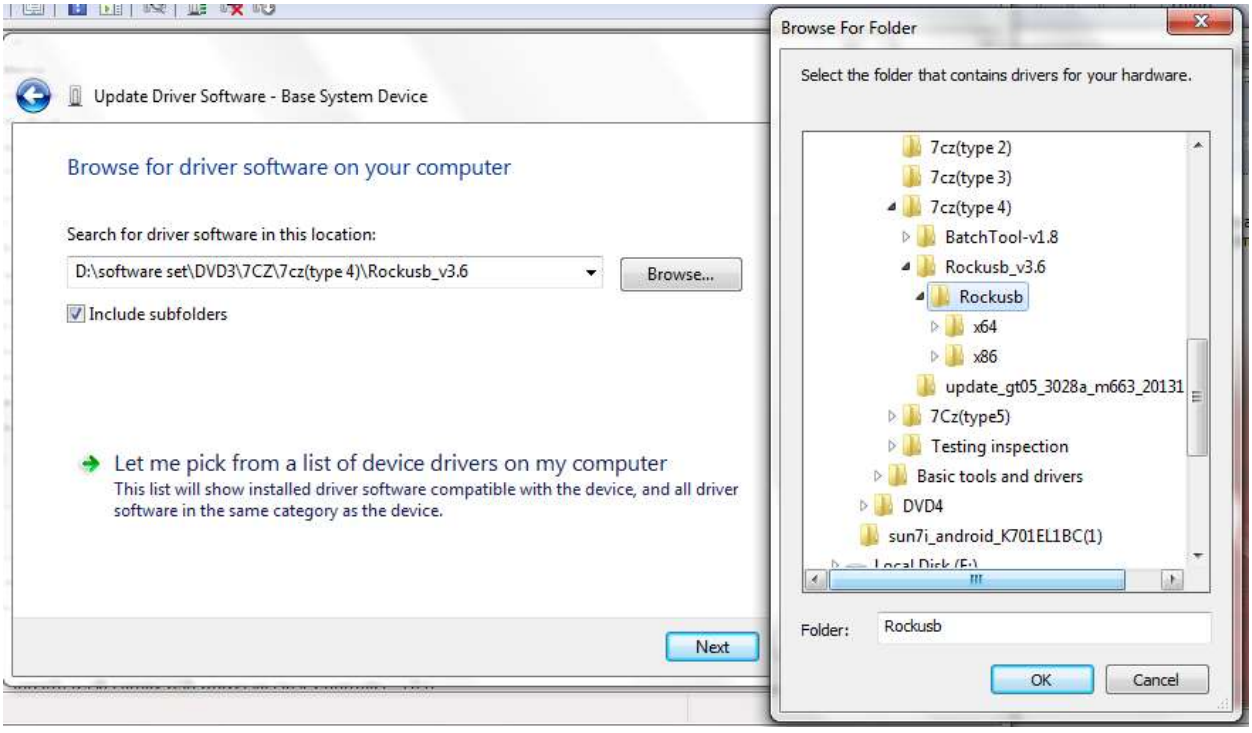
Step1: Press volume (-) key and connect the device with computer using datacable.

Step2: Open devices manager and click on the unknown device.

Step3: Right Click on the Unknown devices and select update driver.

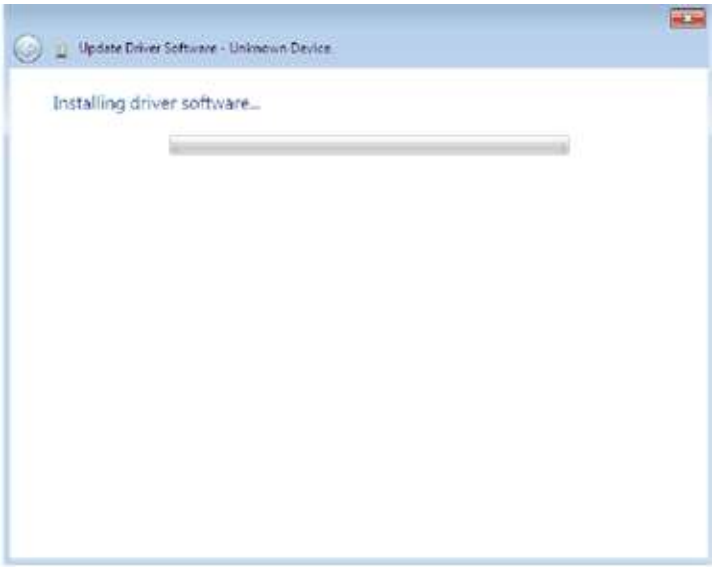
Step4: Select the driver from computer hard disk.


Update Driver Software - Base System Device
How do you want to search for driver software?
Search automatically for updated driver software
Windows will search your computer and the Internet for the latest driver software for your device, unless you've disabled this feature in your device installation settings.
Browse my computer for driver software
Locate and install driver software manually.

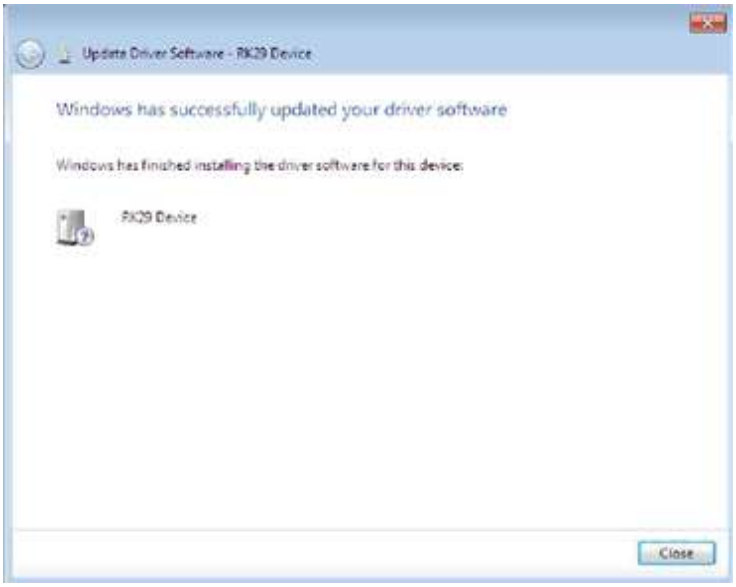


Datawind Properietry:should not be shared without permission.
Prepared by- Vikas Kumar

Let the installation complete.

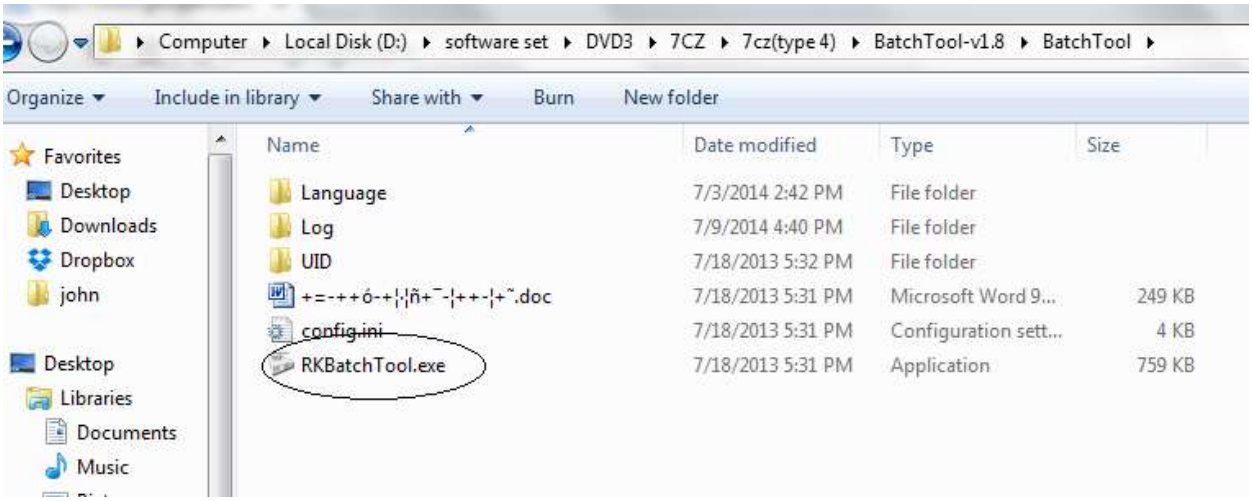


Now the device is ready to use.

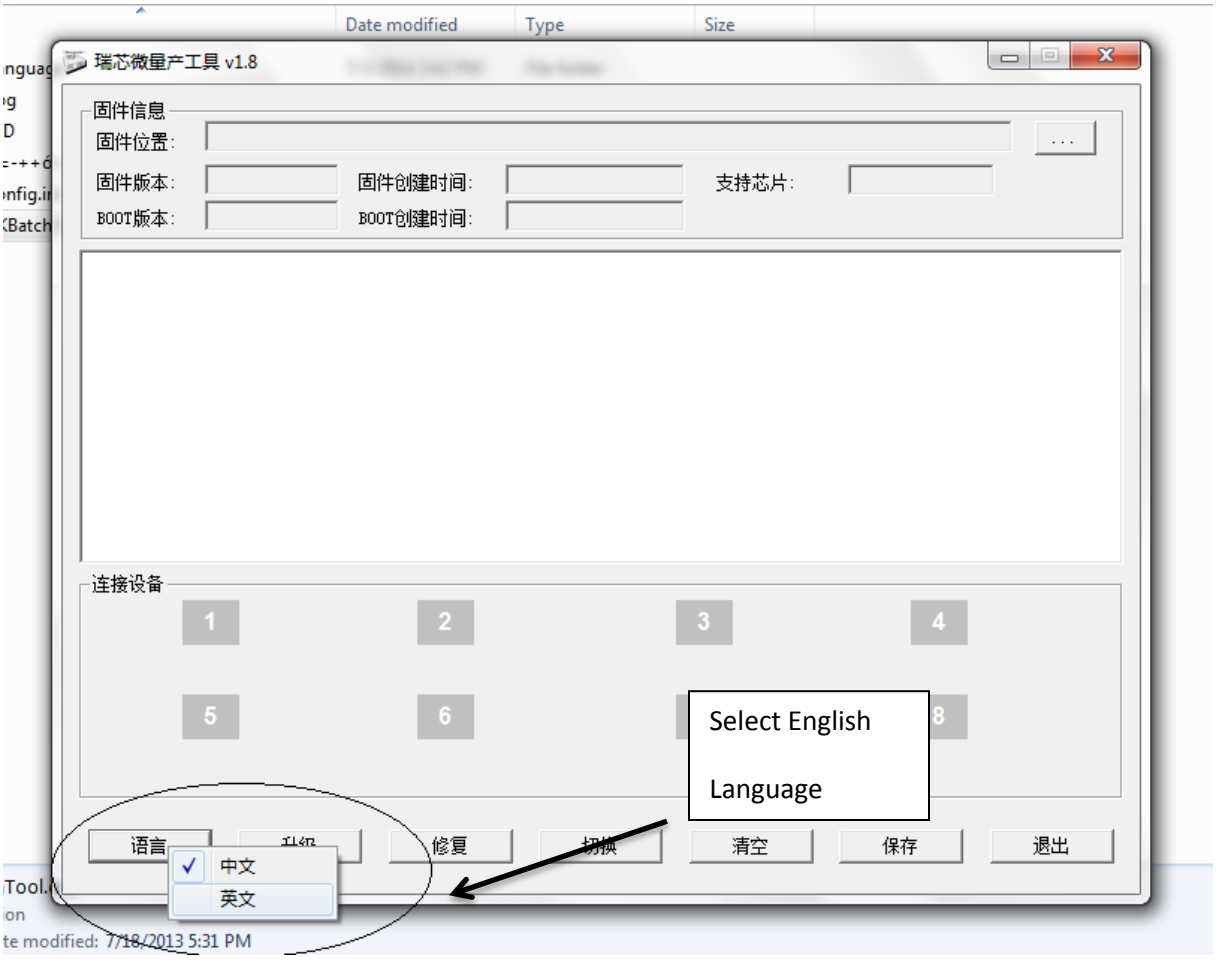

Update Driver Software - RK29 Device
Windows has successfully updated your driver software
Windows has finished installing the driver software for this device:
RK29 Device
Close

Firmware Installation:

Step1: Run Rkbatch_tool from the software folder.

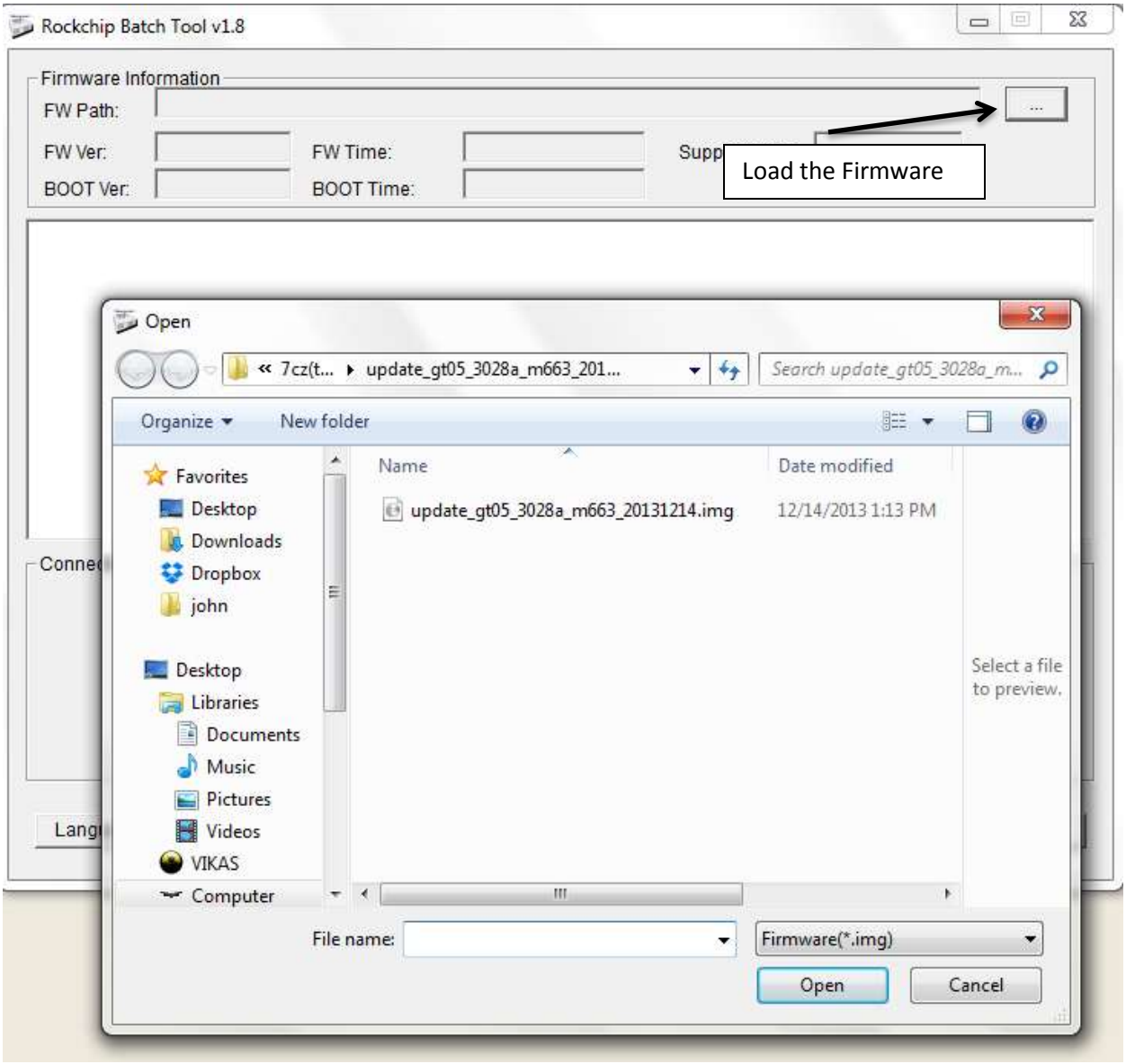


Step2: Select the English Language

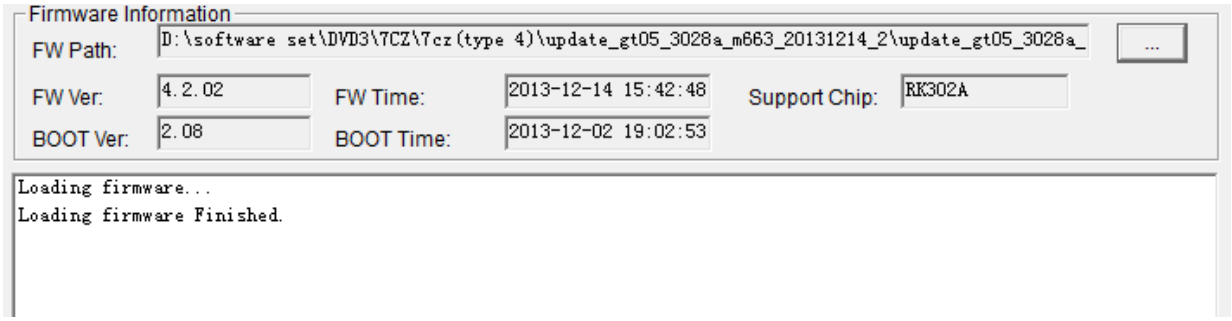


Datawind Properietry:should not be shared without permission.
Prepared by- Vikas Kumar

Step3: Load the Firmware from your hard disk loacation.



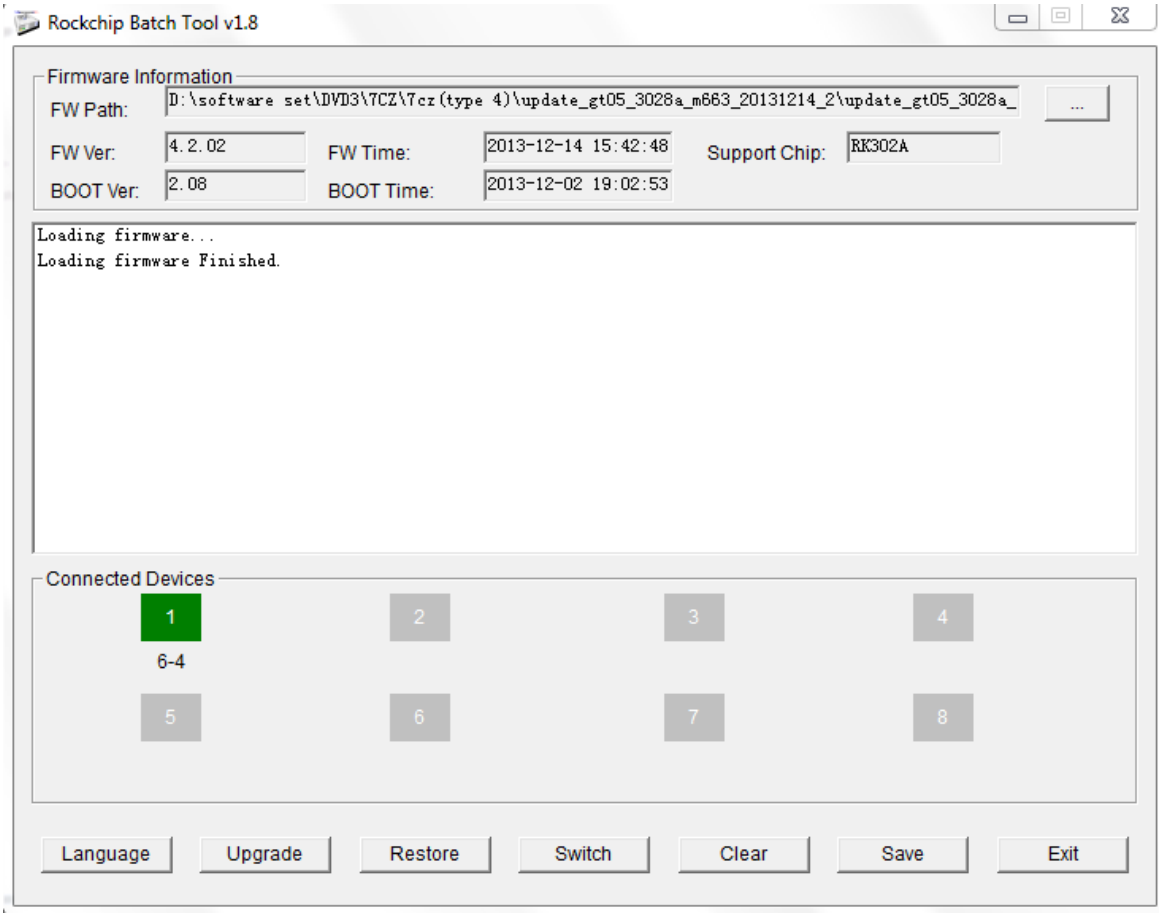
Let the Firmware to load.



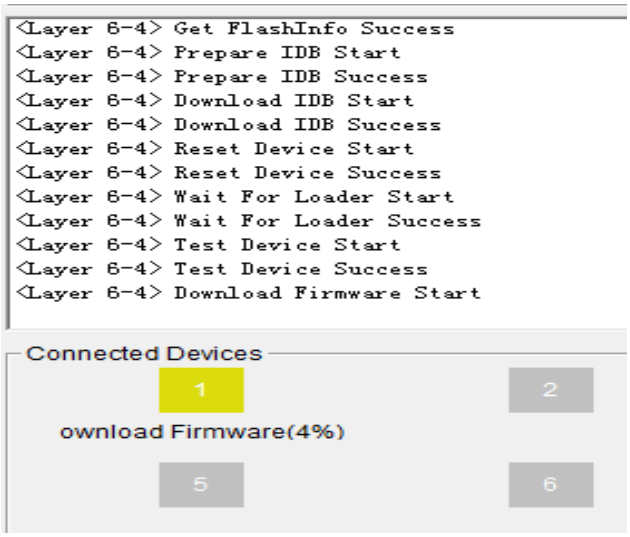
Datawind Properietry:should not be shared without permission.
Prepared by- Vikas Kumar

Step4: Disconnect the devices from computer if connected and turn it off.

Step5: Keep on Pressing the volume (+) key in power off mode and connect to computer using the data cable until RKBatch_tool indicates the connected device.



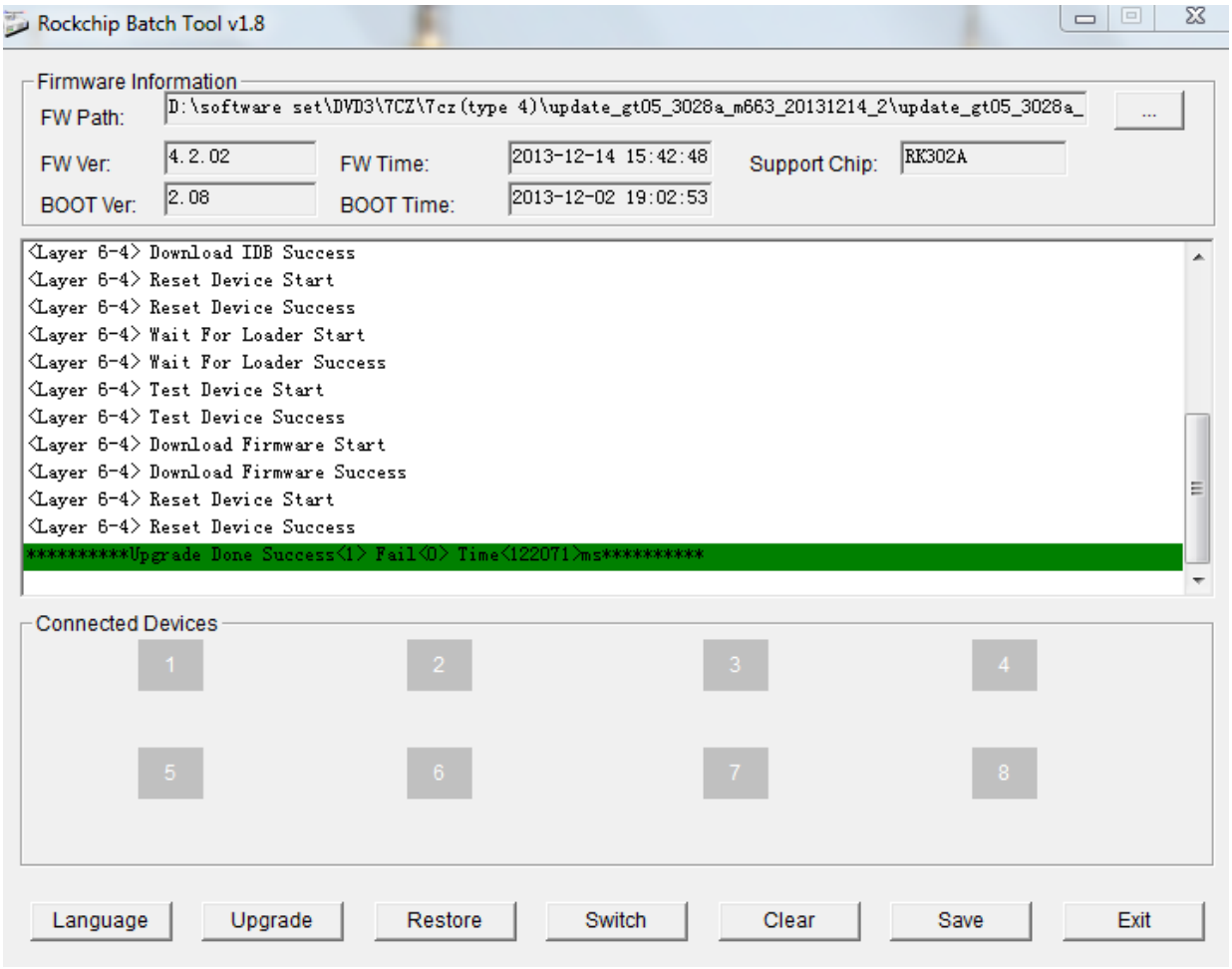
Step 6: Click on the upgrade to install the image into device. The process will start.



Datawind Properietry:should not be shared without permission.
Prepared by- Vikas Kumar

Step7: Wait till the process complete to 100%.

Disconnect the device from computer when following message arrives as the up gradation is complete.

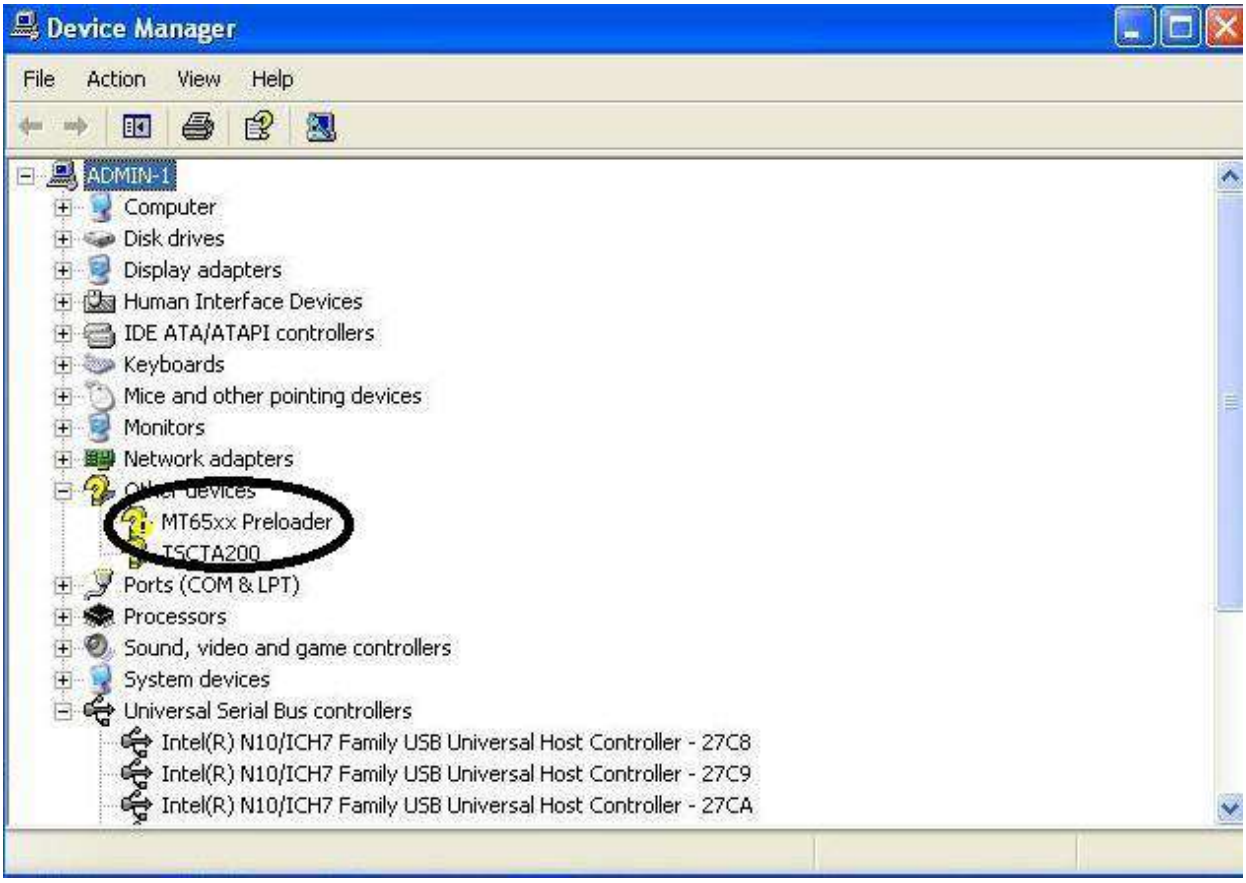


2.5. Flashing Procedure with BirdA_tool.

Driver Installation:

Step 1: Press volume (-) button and connect the device to computer using data cable.

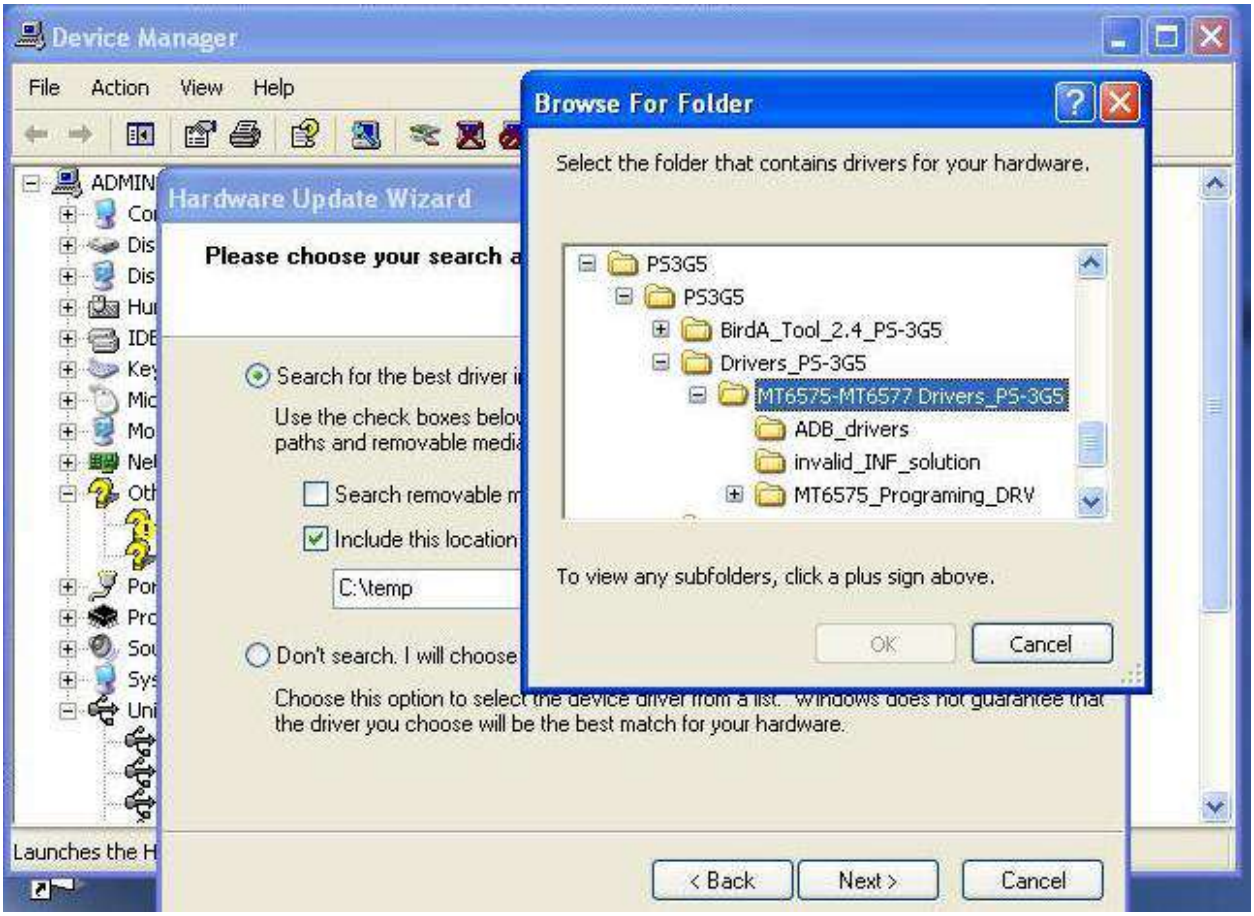
Step 2: Open Device manager and detect for new device.



Step 3: Right click on the unknown device and update driver.

Datawind Properietry:should not be shared without permission.

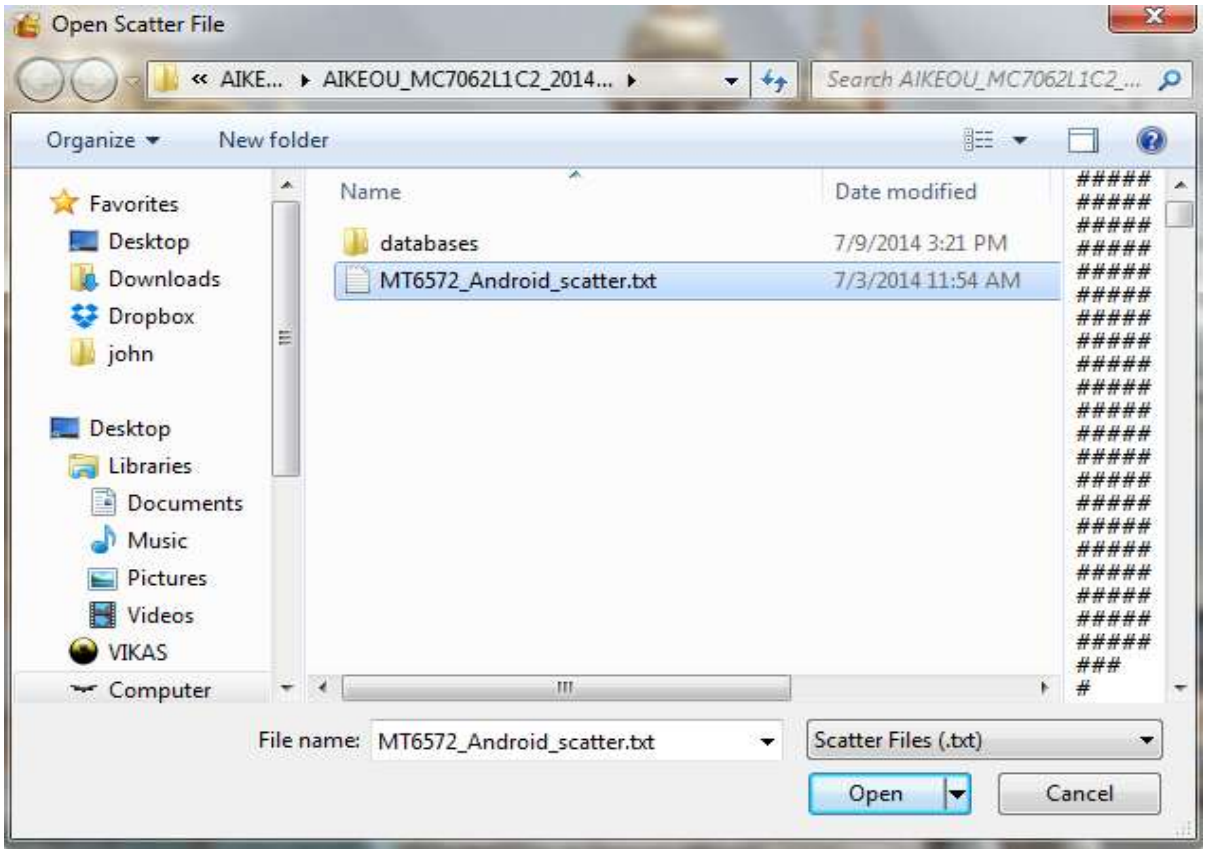
Step 4: Select the driver from hard disk location.



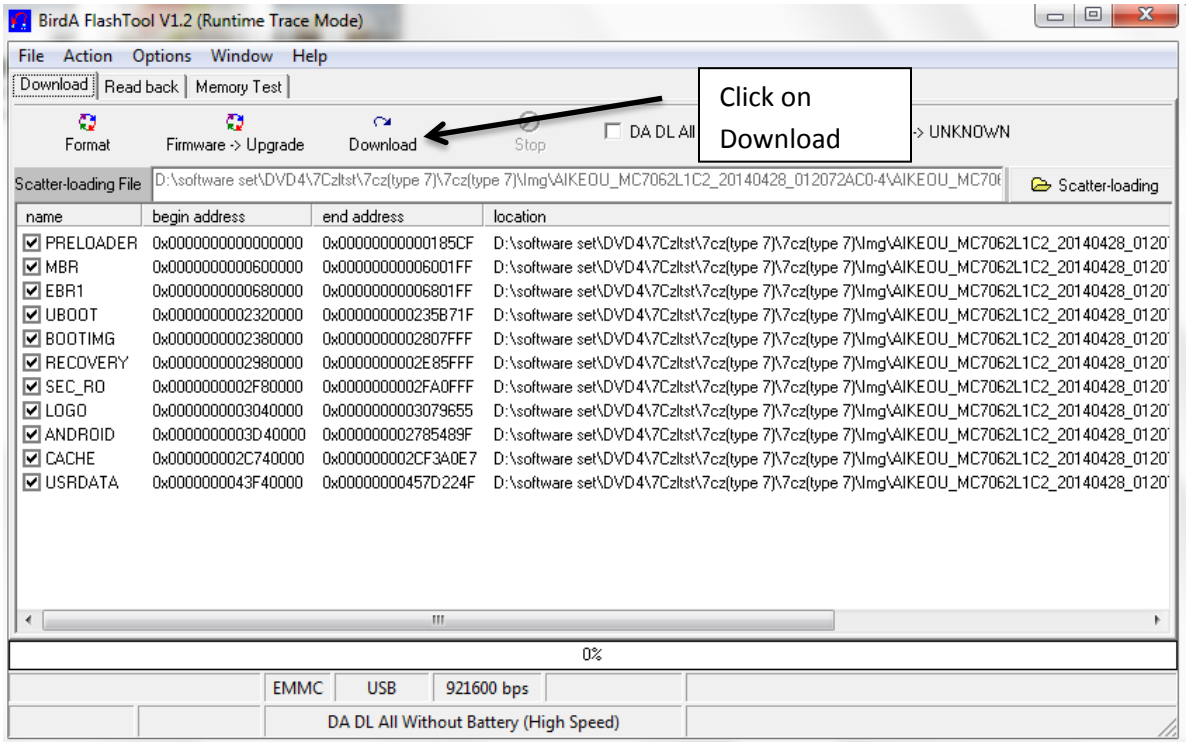
Firmware Installation:

Step 1: Open the Bird tools from Programs.

Step 2: Click on the flash tool and load the scatter files from the hard disk location.



It will load all the image files.


BirdA FlashTool V1.2 (Runtime Trace Mode)
File Action Options Window Help
Download Read back Memory Test
Format
Firmware -> Upgrade
Download
Stop
DA DL All
-> UNKNOWN
Click on Download
Scatter-loading File
D:\software set\DVD4\7Cztst\7cz(type 7)\7cz(type 7)\Img\AIKEOU_MC7062L1C2_20140428_012072AC0-4\AIKEOU_MC70
Scatter-loading
name
begin address
end address
location
PRELOADER 0x0000000000000000 0x000000000000185CF D:\software set\DVD4\7Cztst\7cz(type 7)\7cz(type 7)\Img\AIKEOU_MC7062L1C2_20140428_0120
MBR 0x0000000000600000 0x00000000006001FF D:\software set\DVD4\7Cztst\7cz(type 7)\7cz(type 7)\Img\AIKEOU_MC7062L1C2_20140428_0120
EBR1 0x0000000000680000 0x00000000006801FF D:\software set\DVD4\7Cztst\7cz(type 7)\7cz(type 7)\Img\AIKEOU_MC7062L1C2_20140428_0120
UBOOT 0x0000000002320000 0x000000000235B71F D:\software set\DVD4\7Cztst\7cz(type 7)\7cz(type 7)\Img\AIKEOU_MC7062L1C2_20140428_0120
BOOTIMG 0x0000000002380000 0x0000000002807FFF D:\software set\DVD4\7Cztst\7cz(type 7)\7cz(type 7)\Img\AIKEOU_MC7062L1C2_20140428_0120
RECOVERY 0x0000000002980000 0x0000000002E85FFF D:\software set\DVD4\7Cztst\7cz(type 7)\7cz(type 7)\Img\AIKEOU_MC7062L1C2_20140428_0120
SEC_RO 0x0000000002F80000 0x0000000002FA0FFF D:\software set\DVD4\7Cztst\7cz(type 7)\7cz(type 7)\Img\AIKEOU_MC7062L1C2_20140428_0120
LOGO 0x0000000003040000 0x0000000003079655 D:\software set\DVD4\7Cztst\7cz(type 7)\7cz(type 7)\Img\AIKEOU_MC7062L1C2_20140428_0120
ANDROID 0x0000000003D40000 0x000000002785489F D:\software set\DVD4\7Cztst\7cz(type 7)\7cz(type 7)\Img\AIKEOU_MC7062L1C2_20140428_0120
CACHE 0x000000002C740000 0x000000002CF3A0E7 D:\software set\DVD4\7Cztst\7cz(type 7)\7cz(type 7)\Img\AIKEOU_MC7062L1C2_20140428_0120
USRDATA 0x0000000043F40000 0x00000000457D224F D:\software set\DVD4\7Cztst\7cz(type 7)\7cz(type 7)\Img\AIKEOU_MC7062L1C2_20140428_0120
0%
EMMC
USB
921600 bps
DA DL All Without Battery (High Speed)

Step 3: Click on the Download.

Step 4: Power off the Device and disconnect from computer if connected.

Step 5: Put the device into recovery mode by continues pressing volume (-) key and toggle pressing power key 4-5 times.

Step 6: Keep on pressing volume (-) key and connect the device to computer using data cable. (In case of 3G5 uninstall the battery and connect to computer using USB cable and then again install the battery)

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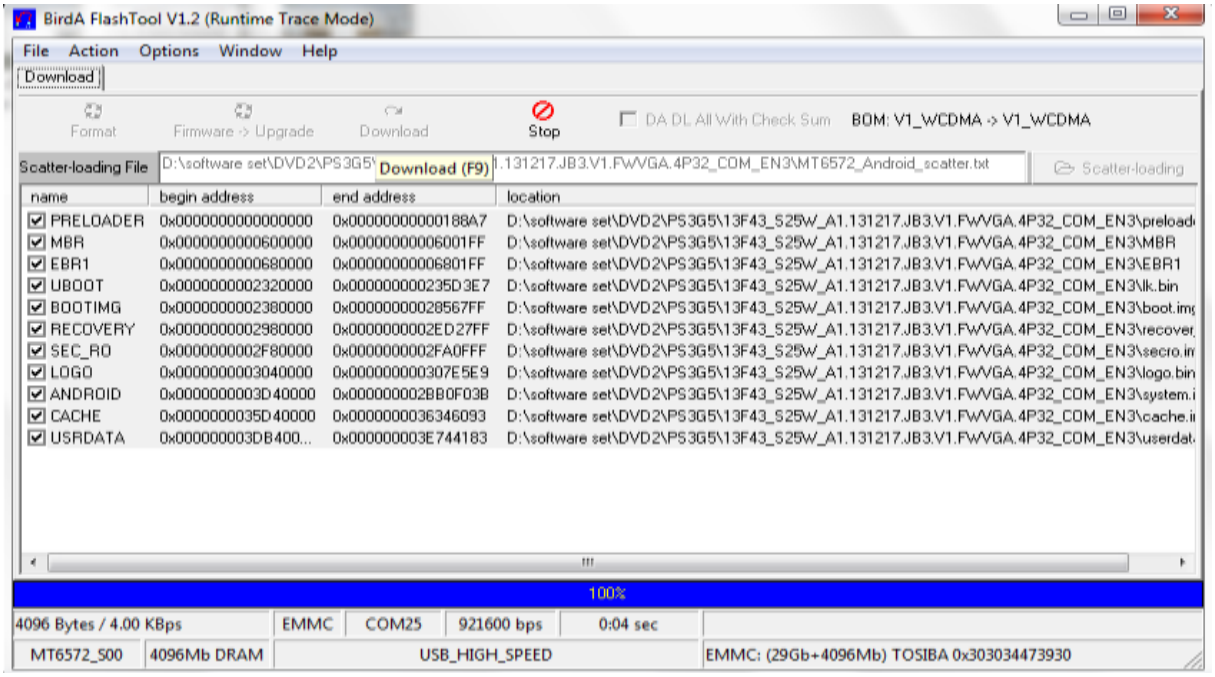
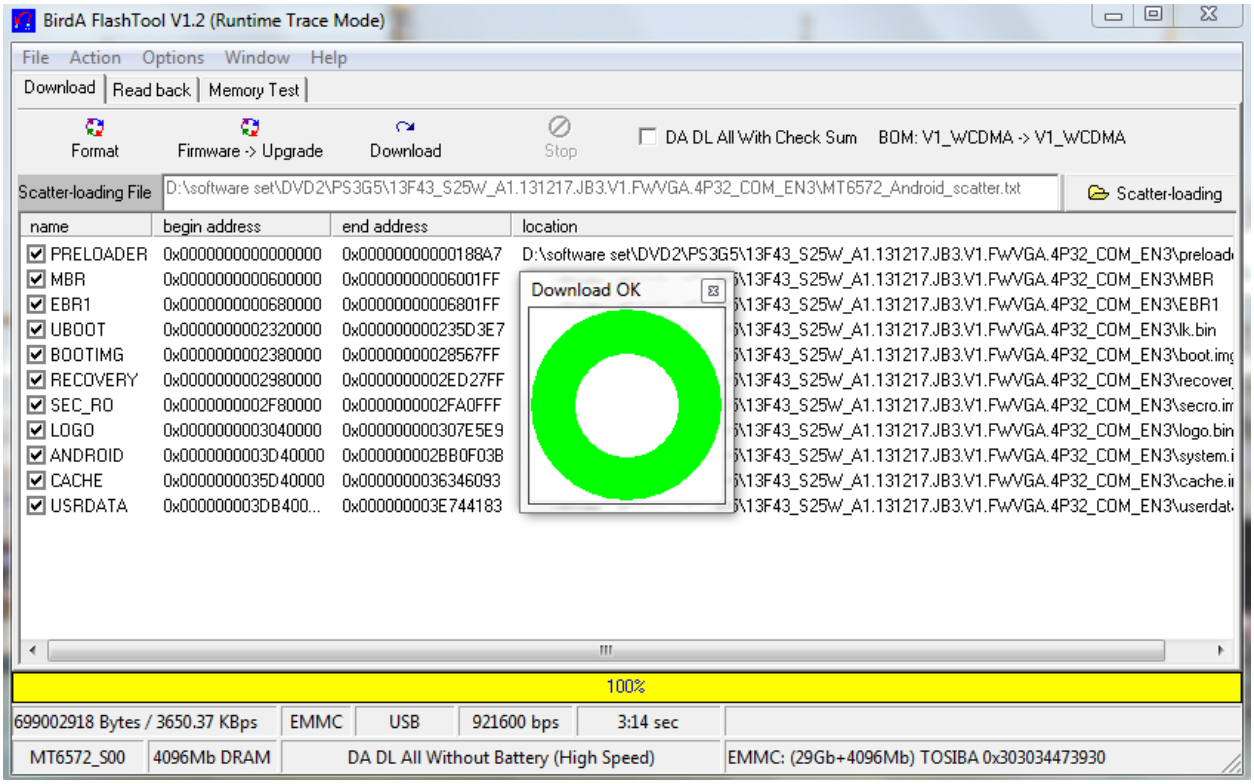
Prepared by- Vikas Kumar



Wait till the process completes and remove the device from computer as following message arrives.



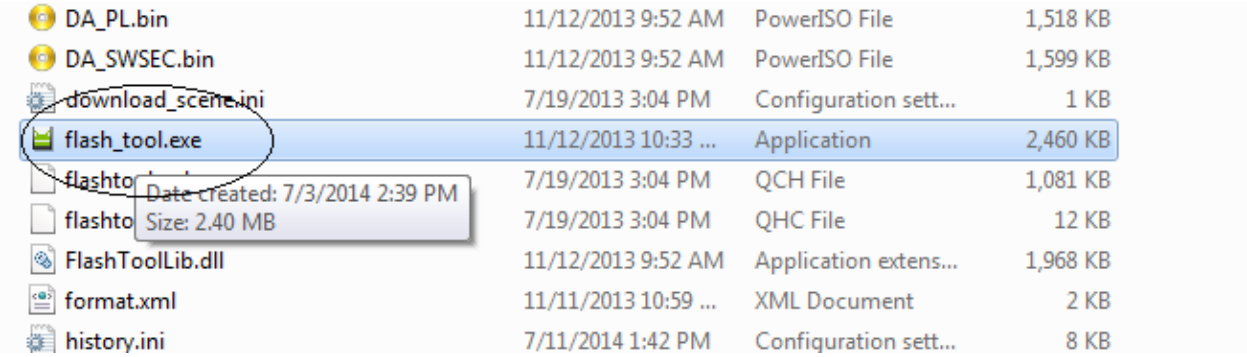
2.6. Flashing Procedure using SP Flash Tool

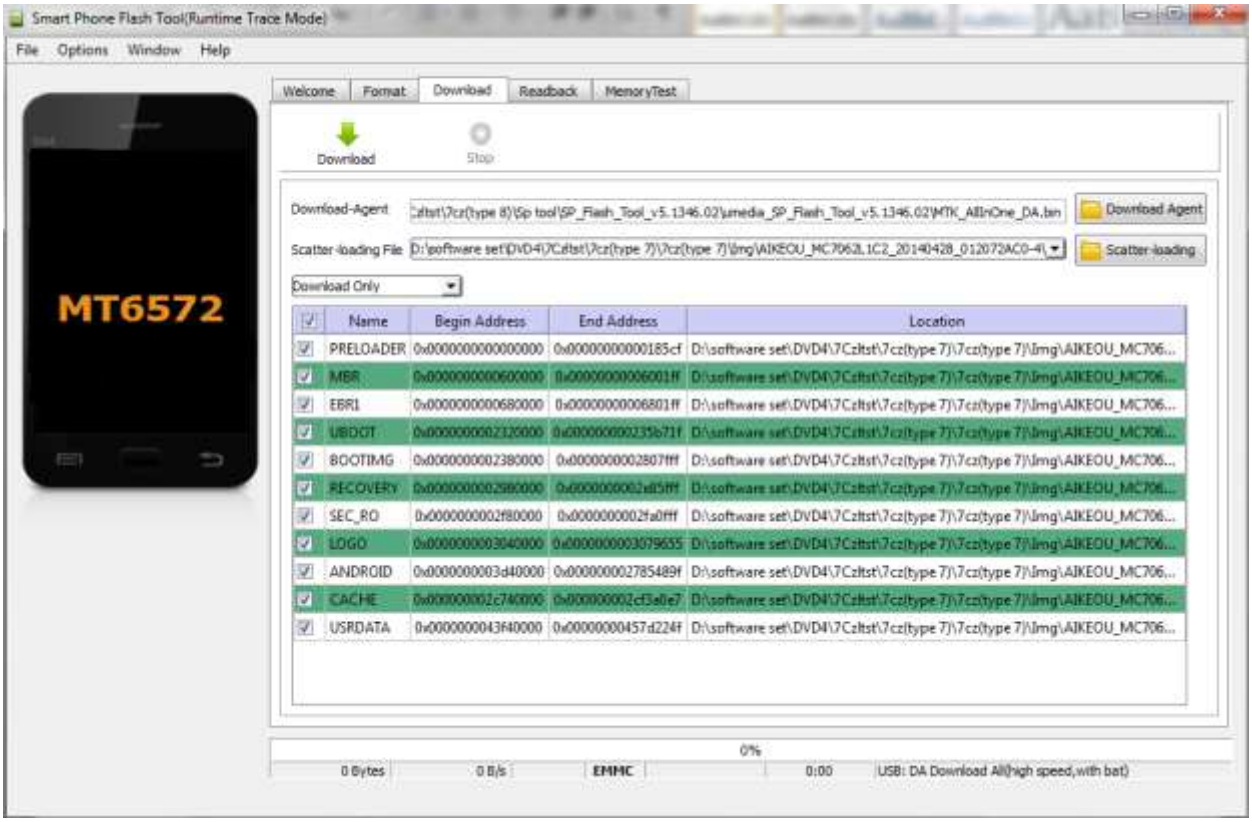
Driver Installation:

Install MT65xx drivers as shown in previous section BirdA_tool.

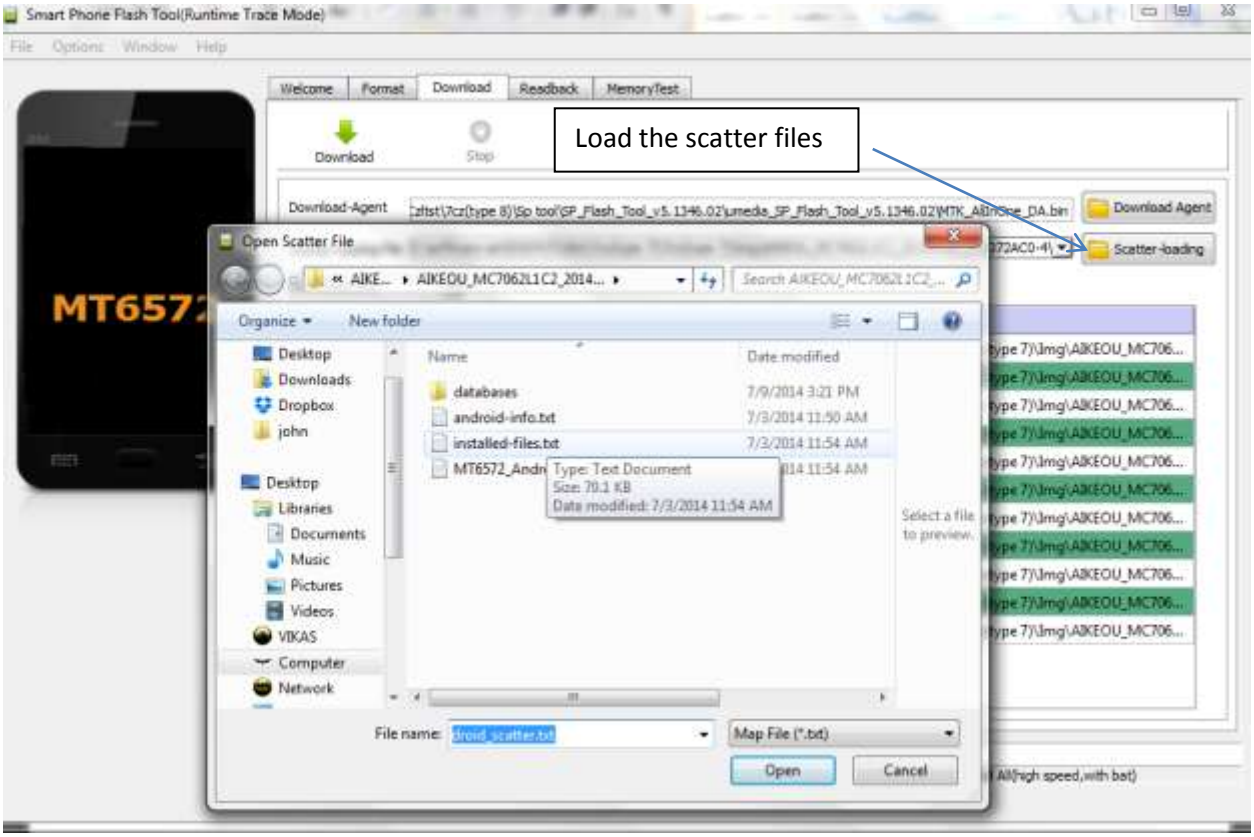
Firmware Installation:

Step 1: Run the SP_Flash_tool.

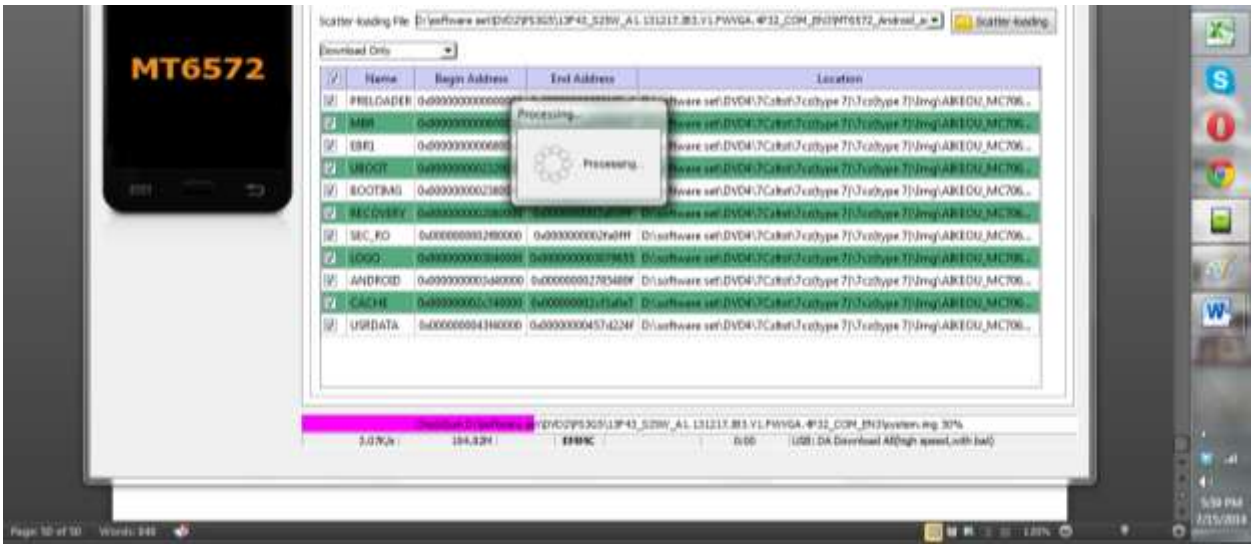

DA_PL.bin 11/12/2013 9:52 AM PowerISO File 1,518 KB
DA_SWSEC.bin 11/12/2013 9:52 AM PowerISO File 1,599 KB
download_scene.ini 7/19/2013 3:04 PM Configuration sett... 1 KB
flash_tool.exe 11/12/2013 10:33 ... Application 2,460 KB
flashto 7/19/2013 3:04 PM QCH File 1,081 KB
flashto 7/19/2013 3:04 PM QHC File 12 KB
FlashToolLib.dll 11/12/2013 9:52 AM Application extens... 1,968 KB
format.xml 11/11/2013 10:59 ... XML Document 2 KB
history.ini 7/11/2014 1:42 PM Configuration sett... 8 KB
Date created: 7/3/2014 2:39 PM
Size: 2.40 MB



Step2: Load the scatter files from your hard disk location.



Let the files to be loaded.



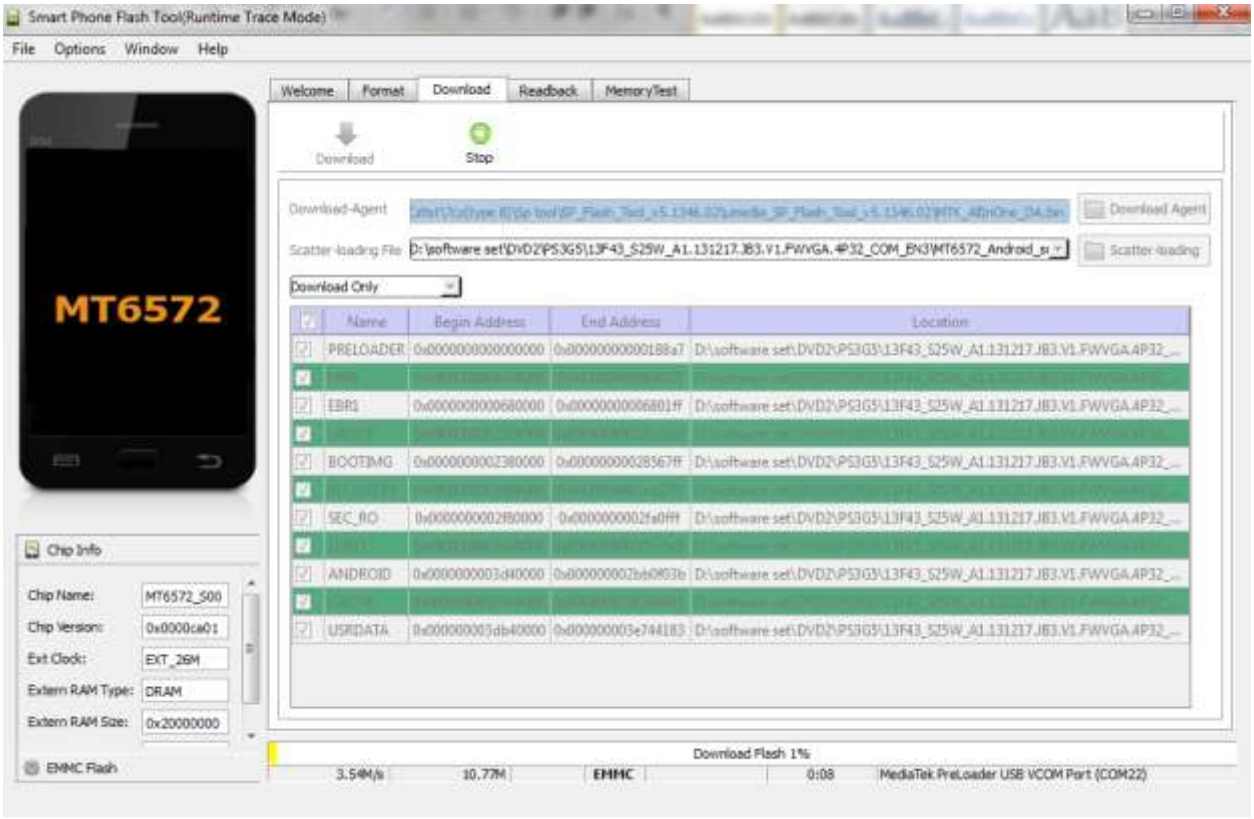
Step3: Click on the download link.

Step 4: Power off the Device and disconnect from computer if connected.

Step 5: Put the device into recovery mode by continues pressing volume (-) key and toggle pressing power key 4-5 times.

Step 6: Keep on pressing volume (-) key and connect the device to computer using data cable. (In case of 3G5 uninstall the battery and connect to computer using USB cable and then again install the battery)

Keep on pressing the volume button until the process starts



Let the process completes and disconnect the device when following window appears.

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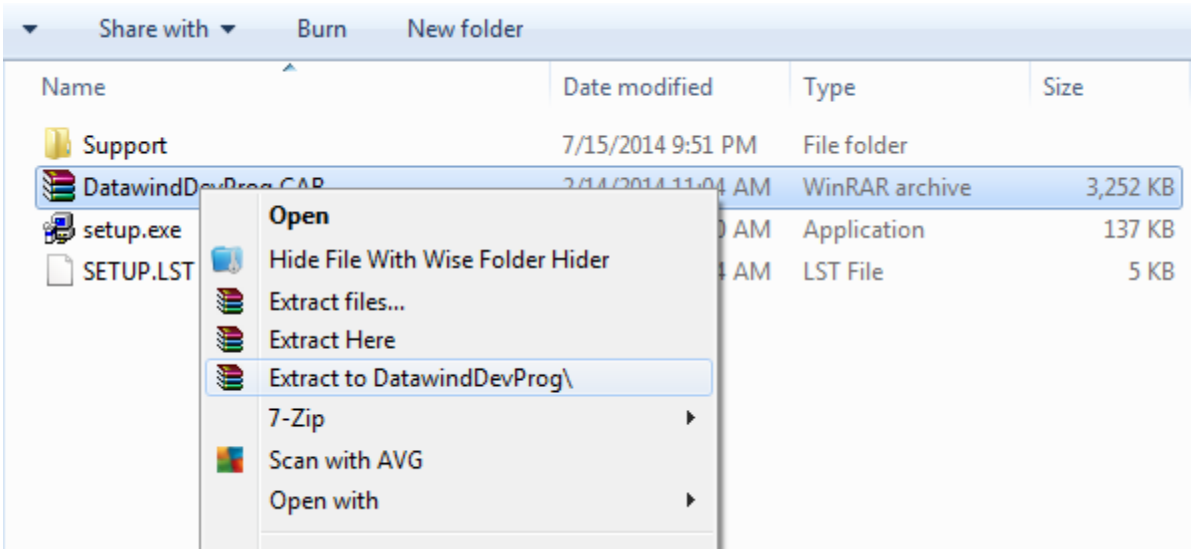
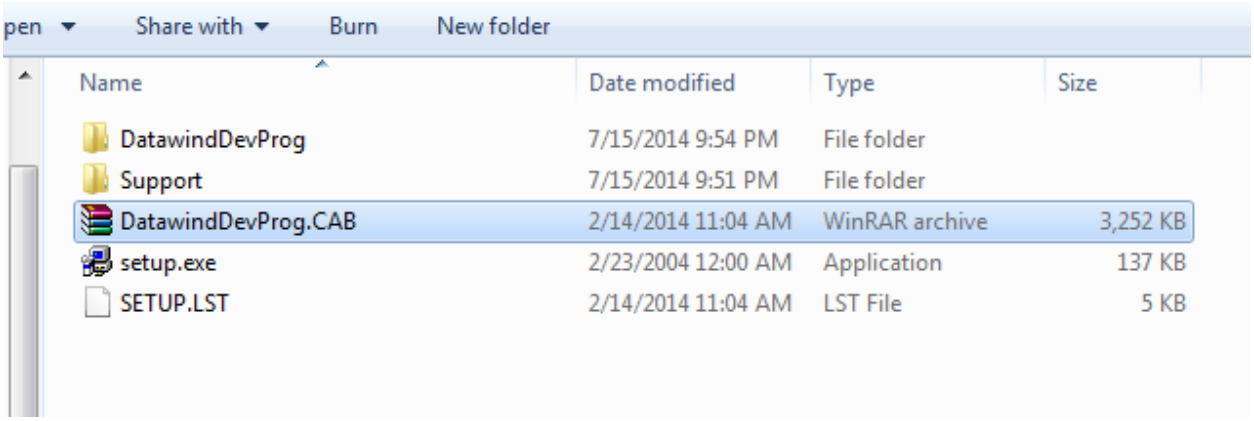
Prepared by- Vikas Kumar

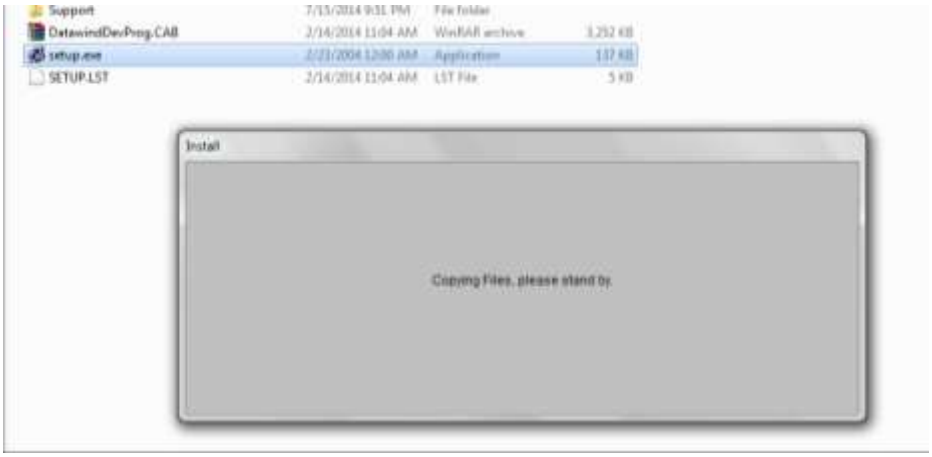
2.7. Application Programming using Package v1.0.0.41(Datawind_Dev_Tool)

Step1: Open the Package folder and extract DatawindDevProg folder.

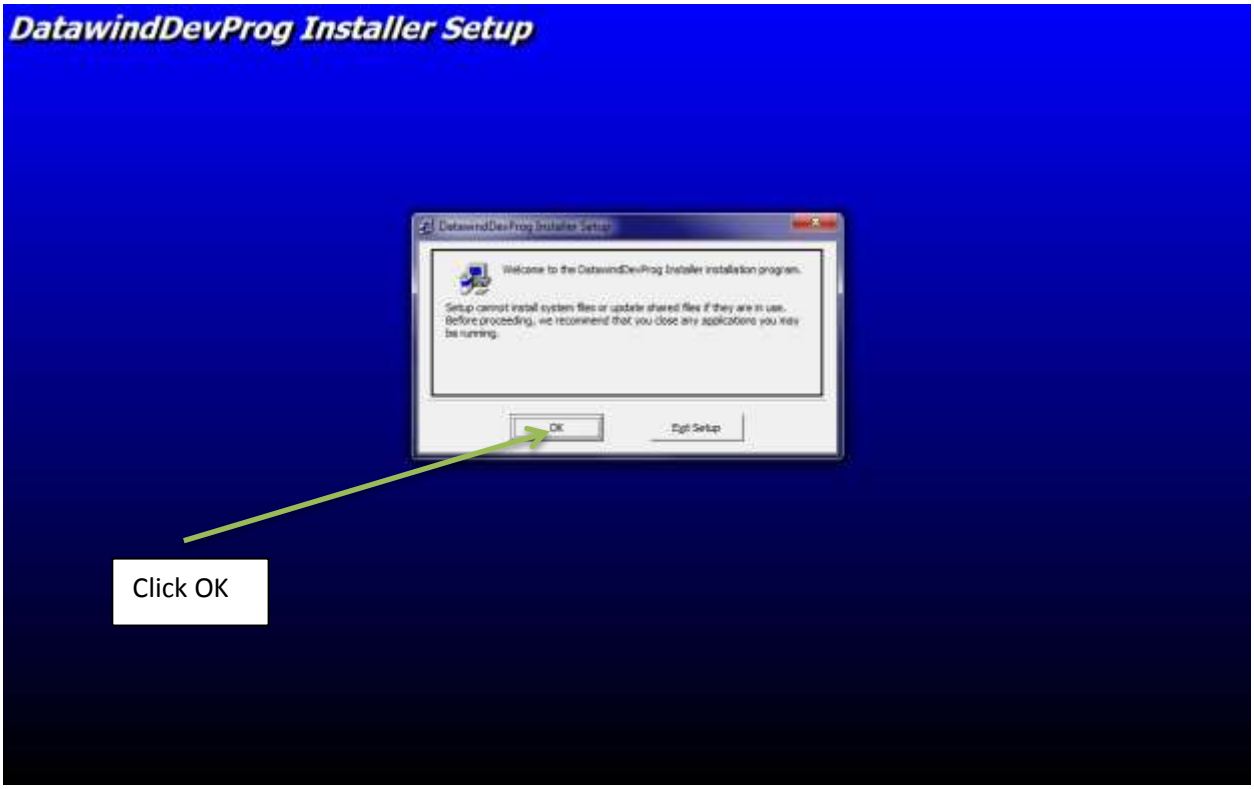


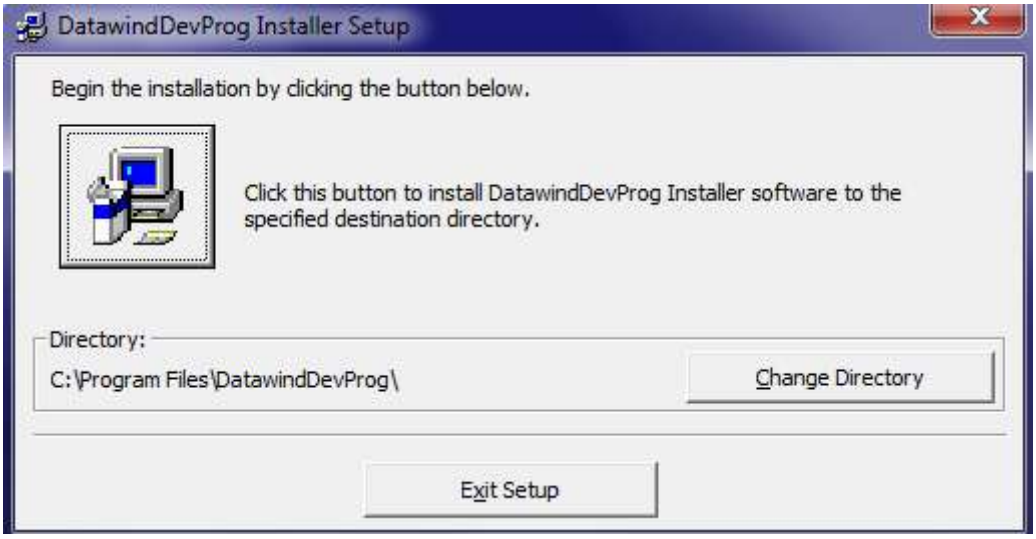


Step2: Run the set.exe file.

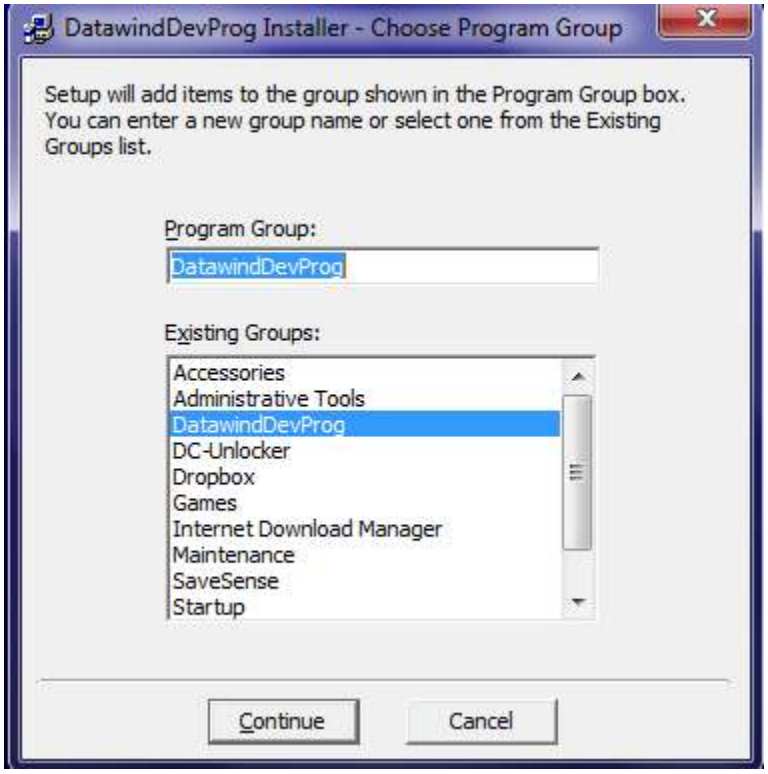


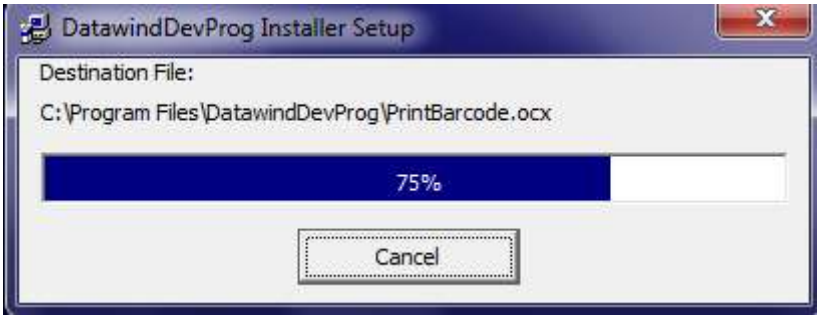
Datawind Properietry:should not be shared without permission.
Prepared by- Vikas Kumar


DatawindDevProg Installer Setup
Click OK


DatawindDevProg Installer Setup
Begin the installation by clicking the button below.
Click this button to install DatawindDevProg Installer software to the specified destination directory.
Directory:
C:\Program Files\DatawindDevProg\
Change Directory
Exit Setup

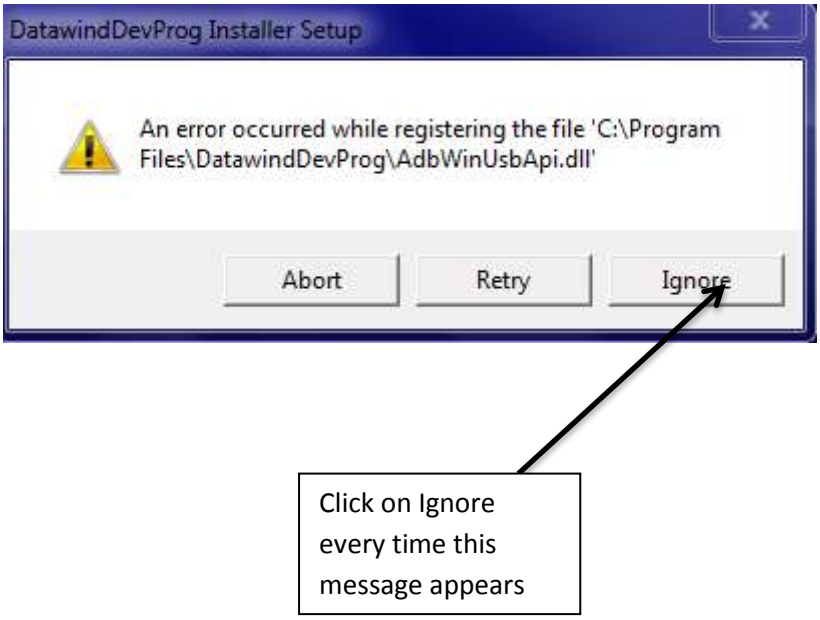
Click on continue

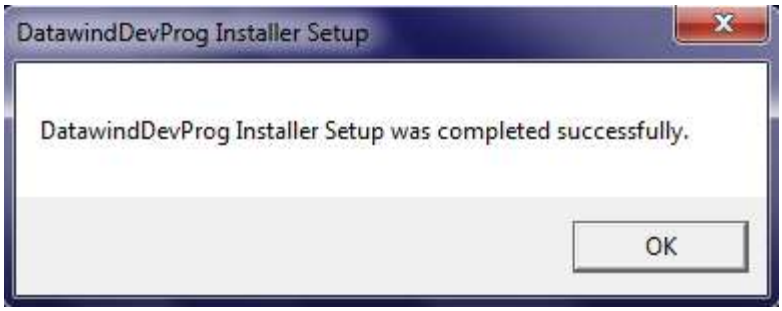




Version Conflict
A file being copied is not newer than the file currently on your system. It is recommended that you keep your existing file.
File name: 'C:\Windows\System32\wshcon.dll'
Description: 'Microsoft ® Windows Script Controller
Your version: '5.8.7600.16385'
Do you want to keep this file?
Click Yes Every time this message
Yes
No
No to All

Datawind Properietry:should not be shared without permission.
Prepared by- Vikas Kumar

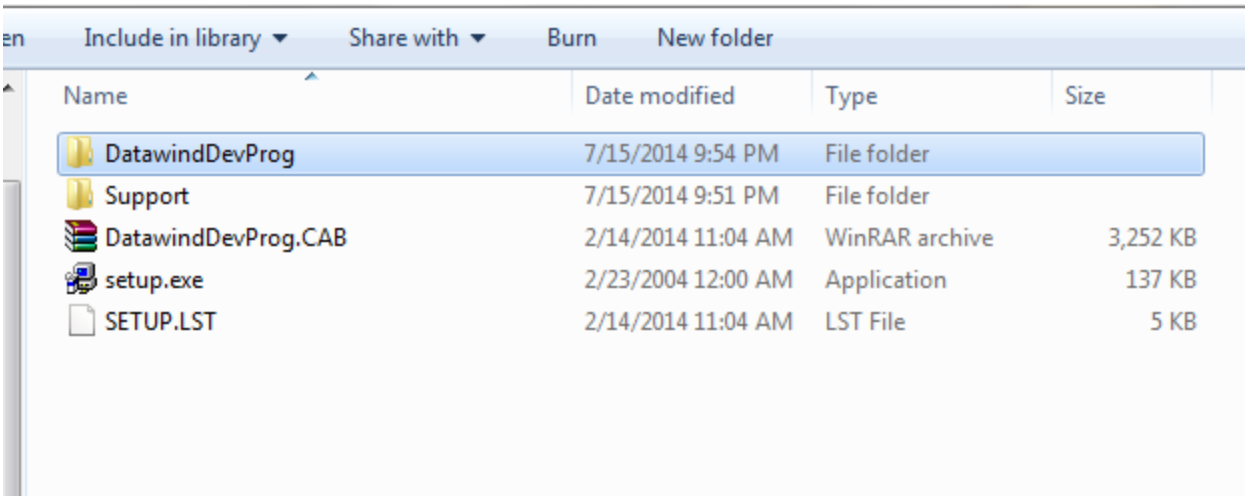




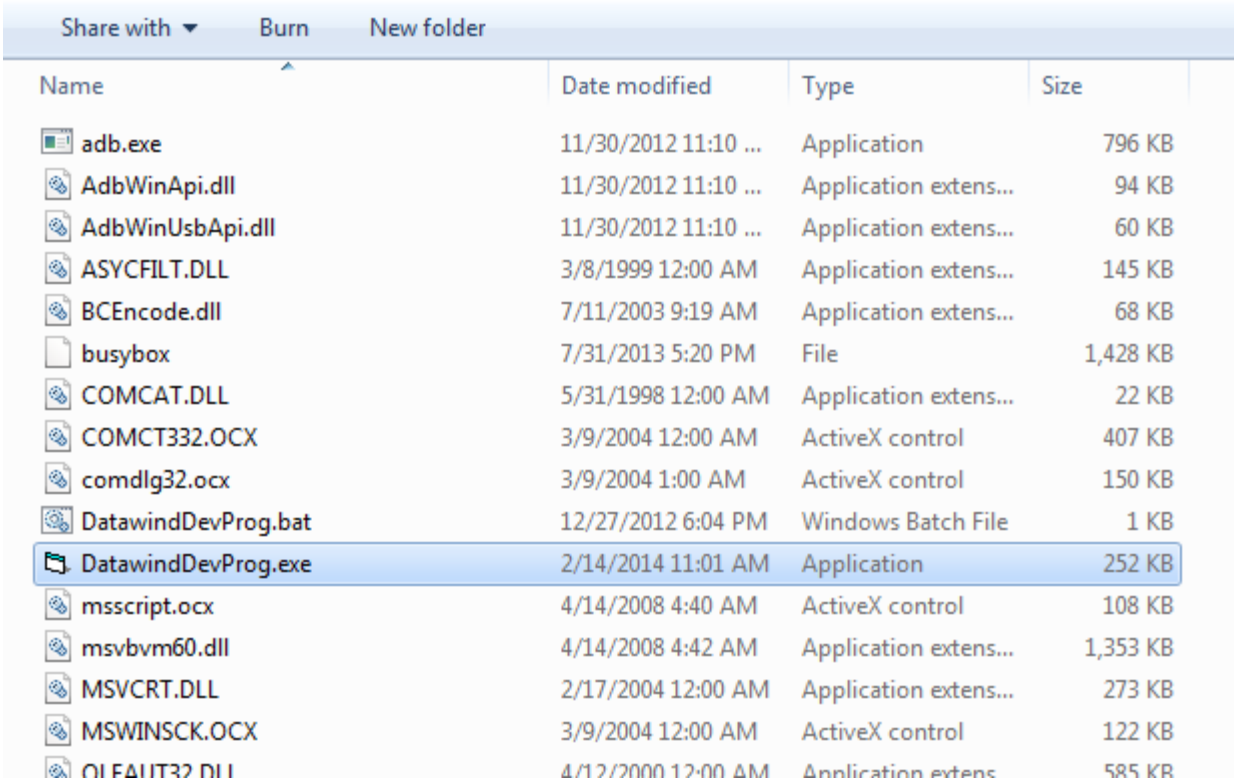
Datawind Dev Tool is installed.

Using DatawindDevProg.

Step1: Open DatawindDevProg folder.

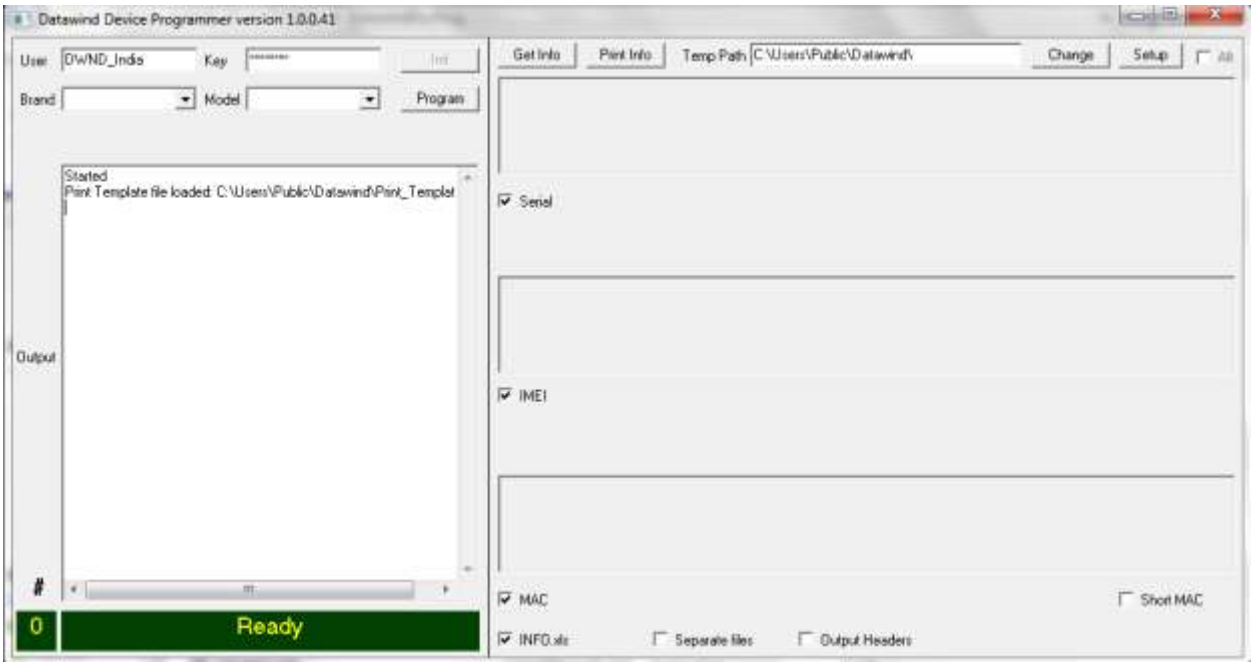


Step2: Run DatawindDevProg.exe file

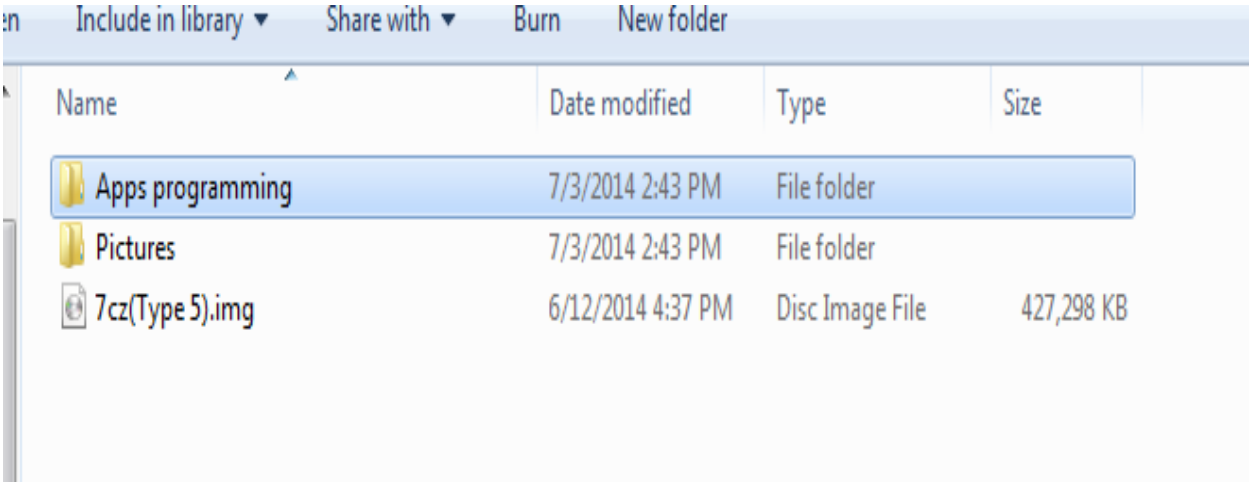

Share with
Burn
New folder
Name
Date modified
Type
Size
adb.exe 11/30/2012 11:10 ... Application 796 KB
AdbWinApi.dll 11/30/2012 11:10 ... Application extens... 94 KB
AdbWinUsbApi.dll 11/30/2012 11:10 ... Application extens... 60 KB
ASYCFILT.DLL 3/8/1999 12:00 AM Application extens... 145 KB
BCEncode.dll 7/11/2003 9:19 AM Application extens... 68 KB
busybox 7/31/2013 5:20 PM File 1,428 KB
COMCAT.DLL 5/31/1998 12:00 AM Application extens... 22 KB
COMCT332.OCX 3/9/2004 12:00 AM ActiveX control 407 KB
comdlg32.ocx 3/9/2004 1:00 AM ActiveX control 150 KB
DatawindDevProg.bat 12/27/2012 6:04 PM Windows Batch File 1 KB
DatawindDevProg.exe 2/14/2014 11:01 AM Application 252 KB
msscript.ocx 4/14/2008 4:40 AM ActiveX control 108 KB
msvbvm60.dll 4/14/2008 4:42 AM Application extens... 1,353 KB
MSVCRT.DLL 2/17/2004 12:00 AM Application extens... 273 KB
MSWINSCK.OCX 3/9/2004 12:00 AM ActiveX control 122 KB

Please note that internet connectivity is manadatory for running DatawindDevProg else you will get error.

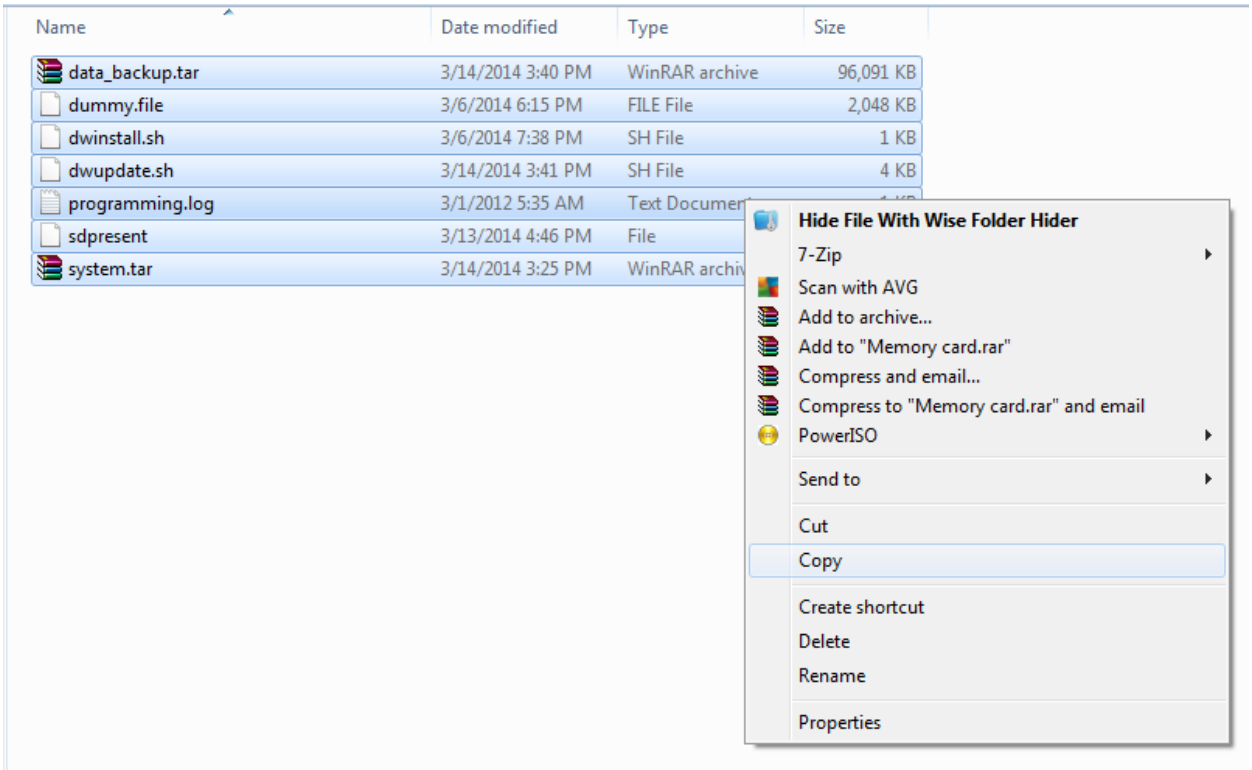
Enter User**: DWND_India** and Key: **818a9c29**



Step3: Copy the Apps programming files of the device into the sdcard.

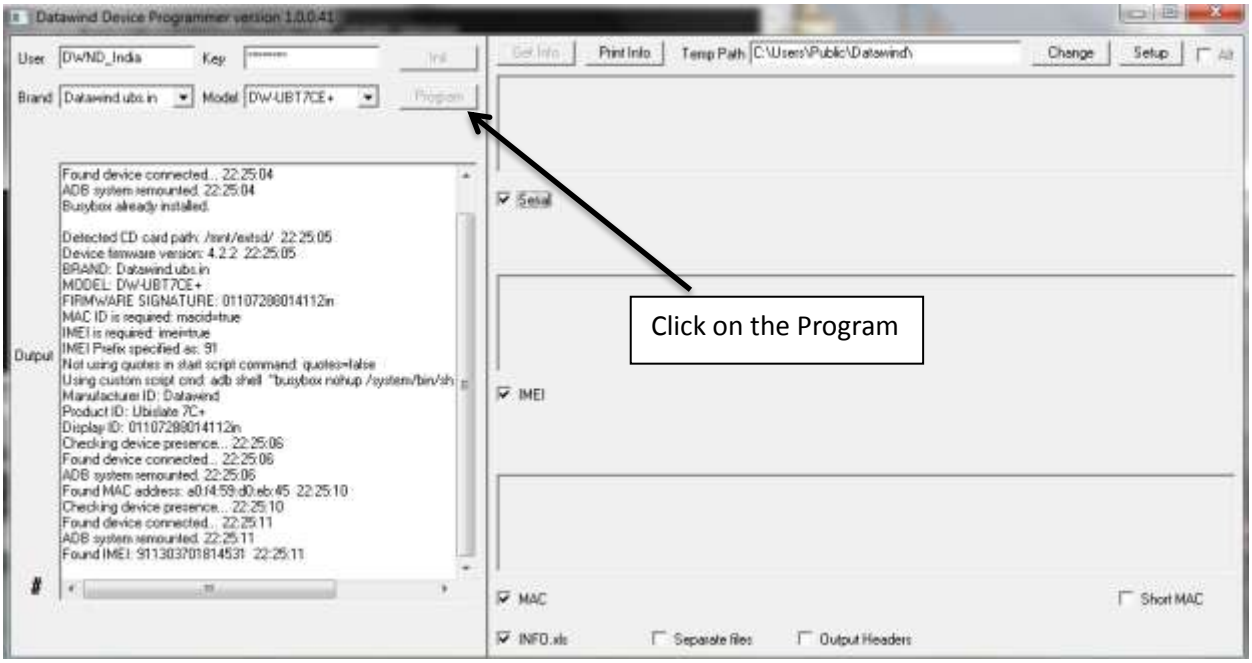


Datawind Properietry:should not be shared without permission.
Prepared by- Vikas Kumar



Step4: Put the sd card into device and turn it ON and Connect the device to computer using Data Cable.

Step5: Click on the Program



The device will restart after following message arrives.

Let the device restart and load all the application files. After deviecs is turned ON check the applications and remove the sdcard.

Now Device is ready to Use.